

J. M. Justice

BULLETIN

**APPALACHIAN STATE
TEACHERS COLLEGE**

**Member North Carolina College Conference
Member Southern Association of Colleges
and Secondary Schools
Member American Association of Colleges
For Teacher Education**



CATALOG ISSUE 1958-1959

WITH

Announcements for 1959-1960

**BOONE, NORTH CAROLINA
JUNE QUARTER
NINETEEN HUNDRED FIFTY-NINE**

N O T E

The schedule, program of instruction, fees, and the personnel of the teaching staff announced in this bulletin are subject to such changes as may be necessary or deemed advisable by the administration.

BULLETIN

APPALACHIAN STATE TEACHERS COLLEGE

Boone, North Carolina

New Series

JUNE QUARTER, 1959

Vol. LVII, No. 2

**Fifty-Fifth Annual Catalog Issue
for 1958-1959**

With

**Announcements
for 1959-1960**

Accredited Member of

The North Carolina College Conference

The Southern Association of Colleges and Secondary Schools

The American Association of Colleges for Teacher Education

CO-EDUCATIONAL

Issued Quarterly

Entered as second-class matter at the post office

Boone, North Carolina

FRESHMAN WEEK

Friday, Saturday, and Monday, September 4, 5, and 7, will be given to the orientation and classification of freshman students. All students who plan to enter college for the first time will be expected to present themselves for the freshman program on September 4. Those who come later than that day will be charged a late test fee of \$2.00. Tests begin at 1:00 P.M., Friday, September 4.

CALENDAR FOR SCHOOL YEAR 1959-1960

(Graduate and Undergraduate)

FALL TERM 1959

Official Opening—First Faculty Meeting 10:00 A.M., Thursday	September 3
Dormitories open 12:00 Noon, Thursday	September 3
First Meal in Cafeteria at 5:00 P.M., Thursday	September 3
Freshman Orientation Program begins, Administration Building Auditorium, 10:00 A.M., Friday	September 4
Freshman Tests, 1:00 P.M., Friday	September 4
Freshman Registration begins, 8:00 A.M., Monday	September 7
Transfer Orientation, Administration Building Auditorium, 10:00 A.M., Monday	September 7
Freshman Classes begin, 8:00 A.M., Tuesday	September 8
Upperclass Registration, 8:30 A.M. to 5:00 P.M., Tuesday	September 8
Convocation, Physical Education Building, 10:00 A.M., Friday	September 11
Registration closes, Monday classes must be met	September 14
Meeting for all students expecting to do student teaching	
Winter Quarter, 1959-1960, Elementary School Auditorium, 4:15 P.M., Tuesday	September 22
Mid-term Reports due, Saturday	October 10
Homecoming	October 24
Meeting for all students expecting to do student teaching	
during the school year 1960-1961, Elementary School Auditorium, 4:15 P.M., Wednesday	November 11
Final Examinations	November 20, 21, 23, 24, 25
Term Closes, 4:00 P.M., Wednesday	November 25
Thanksgiving Holidays	November 26-29

WINTER TERM 1959-60

Registration, 8:30 A.M. to 5:00 P.M., Monday	November 30
Classes begin, 8:00 A.M., Tuesday	December 1
Registration closes, Monday classes must be met	December 7
Convocation, Physical Education Building, 10:00 A.M., Thursday	December 10
Christmas Holidays begin, 4:00 P.M., Friday	December 11
Classes resume, 8:00 A.M., Monday	January 4
Meeting for all students expecting to do student teaching	
Spring Quarter, 1960, Elementary School Auditorium, 4:15 P.M., Tuesday	January 12
Mid-term Reports due, Saturday	February 6
Final Examinations	February 29, March 1, 2, 3, 4
Term Closes, 4:00 P.M., Friday	March 4

SPRING TERM 1960

Registration, 8:30 A.M. to 5:00 P.M., Tuesday	March 8
All degree applications for spring commencement due before 5:00 P.M., Tuesday	March 8
Classes begin, 8:00 A.M., Wednesday	March 9
Meeting for all students expecting to do student teaching	
Fall Quarter, 1960, Elementary School Auditorium, 4:15 P.M., Wednesday	March 9
Registration closes, Tuesday classes must be met	March 15
Easter Holidays begin, 4:00 P.M., Friday	April 15
Mid-term Reports due, Saturday	April 16
Classes resume, 8:00 A.M., Tuesday	April 19
Convocation, Physical Education Building, 10:00 A.M., Wednesday	April 20
Spring Festival	May 6-7
Final Examinations	May 23, 24, 25, 26, 27
Term Closes, 4:00 P.M., Friday	May 27
Commencement Exercises, 3:00 P. M., Sunday	May 29

SUMMER SCHOOL 1960

First Term	June 9 to July 16
Second Term	July 18 to August 19

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EMERITI

J. D. RANKIN, *President Emeritus*

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A.B., Wake Forest College, 1928; A.M., Duke University, 1935; Ph.D., University of North Carolina, 1943.
- DAVID BARNARD DOUGHERTY, B.S. (1929), *Vice-President and Comptroller*
B.S., Appalachian State Teachers College, 1932.
- D. J. WHITENER, A.B., M.A., Ph.D. (1932) *Dean*
A.B., University of North Carolina, 1922; M.A. *ibid.*, 1923; Ph.D., *ibid.*, 1932.
- H. R. EGGERS, A.B., M.A. (1929), *Registrar*
A.B., Carson-Newman College, 1922; M.A., George Peabody College for Teachers, 1927.
- CRATIS WILLIAMS, A.B., M.A. (1942) *Director of Graduate Studies*
A.B., University of Kentucky, 1933; M.A., *ibid.*, 1937.
- LEO K. PRITCHETT, B.A., M.Ed. (1947), *Dean of Men*
B.A., Davidson College, 1928; M.Ed., Duke University, 1936.
- MAXIE G. EDMISTEN, B.S., M.A. (1956), *Dean of Women*
B.S., Appalachian State Teachers College, 1931; M.A., *ibid.*, 1953.
- JAMES E. STONE, B.S., M.S., Ed.D. (1954), *Associate Professor, Education, Director of Summer Sessions and Extension*
B.S., Western Illinois State College, 1948; M.S., *ibid.*, 1949; Ed.D., University of Illinois, 1954.

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(The President, the Vice-President and Comptroller, and the Dean of the College are members, ex-officio, of all Councils.)

ADMINISTRATIVE—Plemmons, *Chairman*, Dougherty, D.B., Edmisten, Maxie G., Eggers, H.R., Pritchett, Leo K., Rankin, Stone, Whitener, Williams, C.

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(The President, the Vice-President and Comptroller, and the Dean of the College are members, ex-officio, of all Committees.)

ADMISSIONS—Eggers, H.R., *Chairman*, Barden, Edmisten, Maxie G., Harris, Pritchett, Leo K., Stacy, Stone.

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- SCHEDULE—Yoder, *Chairman*, Eggers, H.R., Eggers, Daisy, W., Isley, Reynolds, Stacy, Watkins.
- SCHOLARSHIPS AND GRANTS FOR ADVANCED GRADUATE AND PROFESSIONAL STUDY—Reynolds, *Chairman*, Brock, Buckland, Carpenter, I.W., Kirk, Melton, J.R., Simpson, Spencer, VanNoppen, J.J.
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- STUDENT AID—Dougherty, D.B., *Chairman*, Cottrell, Edmisten, Maxie G., Eggers, H.R., Eury, Hodgin, Allie A., Pritchett, Leo K., Welborn, John.
- STUDENT PUBLICATIONS—Eggers, G.P., *Chairman*, Blackburn, Edmisten, Maxie G., Hawkinson, W.A., Howell, V.C., Williams, Cratis, Winkler. (President of Student Council. Editor and Business Manager of *The Appalachian*. Editor and Business Manager of *The Rhododendron*.)
- STUDENT TEACHING—Horton, *Chairman*, Blanton, R., Buckland, Carder, Howell, J.T., Query, Turner, Winkler.
- SUMMER CAMP EXPERIMENT—Blanton, R., *Chairman*, Derrick, Fulmer, Richardson, W. C., Walters, M. L., Watkins.
- TRAFFIC AND PARKING—Stacy, *Chairman*, Cottrell, Kirk, Pierce, Pritchett, Leo K. (Four student representatives to be appointed upon recommendation of the Student Council.)

FACULTY

- GELENE A. ATWOOD, B.S. (1956) *Instructor, Chemistry*
B.S., Woman's College of the University of North Carolina, 1953.
- JOHN G. BARDEN, A.B., A.M., Ph.D. (1944) *Professor, Education*
A.B., University of North Carolina, 1922; A.M., Teacher's College, Columbia University, 1924; Ph.D., Columbia University, 1941.
- ANNIE MAE CARROLL BLACKBURN, B.S. (1956)
Instructor, Business Education
B.S., Appalachian State Teachers College, 1951.
- JENNY BEATRIX BLANTON, B.S., M.A. (1958) *Instructor, Education*
B.S., Appalachian State Teachers College, 1940; M.A., University of North Carolina, 1949.
- JOHN F. BOZARD, B.A., M.A., Ph.D. (1957) *Professor, English*
B.A., Furman University, 1926; M.A., University of Virginia, 1930; Ph.D., Cornell University, 1937.
- LUCY BROCK, A.B., B.S., M^c.S. in H. E. (1938)
Professor, Home Economics
A.B., University of Tennessee, 1923, B.S., *ibid.*, 1930; M.S. in H.E., *ibid.*, 1931.
- RONALD BROOKS, B.S. (1957) *Instructor, Physical Education*
B.S., North Carolina State College, 1957.
- ROBERT W. BROOME, B.S., M.A. (1947)
Assistant Professor, Physical Education
B.S., Appalachian State Teachers College, 1940; M.S., University of North Carolina, 1949.

- GOLDEN T. BUCKLAND, B.S., M.A., D.Ed. (1949)
Associate Professor, Mathematics
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- CLARENCE A. CARDER, A.B., Th.M., Ed.D. (1958)
Associate Professor, Education
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Associate Professor, Biology
 B.S., Purdue University, 1948; M.S., *ibid.*, 1950; Ph.D., *ibid.*, 1952.
- J. LOU CARPENTER, A.B., M.S. (1954) *Instructor, Speech*
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 B.S., North Texas State College, 1950; M.S., *ibid.*, 1951.
- WALTON S. COLE, A.B., M.M. (1951) *Associate Professor, Music*
 A.B., Southwestern (Memphis), 1943; M.M., University of Arizona, 1950.
- FRANCIS C. COOK, B.A., M.A. (1952) *Assistant Professor, English*
 B.A., University of Texas, 1932; M.A., *ibid.*, 1932.
- LELAND ROSS COOPER, B.S., M.Ed. (1958)
Instructor, Part-time, Education
 B.S., Clemson College, 1950; M.Ed., University of North Carolina, 1957.
- JOHN F. COREY, B.S., M.A. (1958) *Instructor, Education*
 B.S., Appalachian State Teachers College, 1955; M.A., *ibid.*, 1957.
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- GRAYDON P. EGGERS, A.B., A.M., Ph.D. (1927) *Professor, English*
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- DAVID R. HODGIN, A.B., A.M. (1946) *Associate Professor, English*
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Assistant Professor, Social Studies
B.A., University of North Carolina, 1948; M.S., University of Wisconsin, 1950; Ph.D., University of North Carolina, 1953.

- FRANCIS L. HOOVER, B.S., M.A., Dir. P.E., D.P.E. (1945)
Associate Professor, Physical Education
 B.S., Appalachian State Teachers College, 1940; M.A., University of North Carolina, 1948; Dir.P.E., Indiana University, 1957; D.P.E., *ibid.*, 1959.
- RENA HOOVER, A.B., M.A. (1955)*Instructor, Social Studies*
 A.B., Coker College, 1938; M.A., Appalachian State Teachers College, 1955.
- BEN H. HORTON, JR., B.S., M.A., Ed.D. (1950)
Associate Professor, Education
 B.S., Appalachian State Teachers College, 1935; M.A., *ibid.*, 1950; Ed.D., Florida State University, 1958.
- V. C. HOWELL, A.B., A.M. (1923)*Professor, Social Studies*
 A.B., Wake Forest College, 1920; A.M., Columbia University, 1936.
- *HORACE BALDWIN HUDDLE, B.S., M.A., Ph.D. (1958)
Professor, Chemistry
 B.S., Georgetown College, 1919; M.S., University of Illinois, 1922; Ph.D., University of Chicago, 1930.
- CHARLES L. ISLEY, JR., B.S., M.A. (1958) ..*Associate Professor, Music*
 B.S., Davidson College, 1942; M.A., Appalachian State Teachers College, 1954.
- ISABEL F. JONES, B.S.Ed., M.Ed., Ed.D. (1953)
Associate Professor, Education
 B.S.Ed., University of Virginia, 1951; M.Ed., *ibid.*, 1952, Ed.D., *ibid.*, 1955.
- JAMES FREDERICK JONES, A.B., M.A. (1956)
Instructor, Business Education
 A.B., Elon College, 1951; M.A., East Carolina College, 1952.
- WILLIAM J. JONES, B.A., B.S.Ed., M.A., Ph.D. (1954)
Assistant Professor, Music
 B.A., Taylor University, 1947; B.S.Ed., Wayne University, 1948; M.A., *ibid.*, 1949; Ph.D., Northwestern University, 1952.
- ILA TAYLOR JUSTICE, A.B., B.S. in L.S., M.S. in L.S. (1949)
Associate Professor, Library Science
 A.B., Berea College, 1936; B.S. in L.S., George Peabody College for Teachers, 1941; M.S. in L.S., *ibid.*, 1947.
- JOHN MITCHELL JUSTICE, A.B., A.M. (1946)
Associate Professor, Social Studies
 A.B., University of North Carolina, 1936; A.M., *ibid.*, 1936.
- JOHN KIRK, B.S., M.A. (1950)*Assistant Professor, Social Studies*
 B.S., Appalachian State Teachers College, 1948; M.A., *ibid.*, 1950.
- VERNA LAGRONE, B.A., M.S. (1958) ...*Instructor, Home Economics*
 B.A., University of Mississippi, 1933; M.S., University of Tennessee, 1941.
- MARGARET N. LAWSON, B.S. (1958) ...*Instructor, Physical Education*
 B.S., Appalachian State Teachers College, 1958.
- ROBERT G. LIGHT, B.S., M.S. (1957)
Assistant Professor, Physical Education
 B.S., Washington University, 1950; M.S., *ibid.*, 1957.

* Deceased (December 17, 1958).

- VIRGINIA WARY LINNEY, B.M., M.M. (1929)*Professor, Music*
B.M., University School of Music, 1925; M.M., Cincinnati Conservatory of Music, 1940.
- VIOLA BINGHAM LORENZO, B.S. (1958)
Instructor, Part-time, Social Studies
B.S., Appalachian State Teachers College, 1948.
- JERRY DAVID MADDEN, B.S., M.A. (1958)*Instructor, English*
B.S., University of Tennessee, 1957; M.A., San Francisco State College, 1958.
- MARY JANE MATTHEWS, B.S., M.A. (1954)
Instructor, Physical Education
B.S., Appalachian State Teachers College, 1953; M.A., *ibid.*, 1954.
- PHILIP B. MCGILL, B.S. (1958) ..*Instructor, Part-time, Social Studies*
B.S., Davidson College, 1956.
- CARL G. MEEKS, B.S., M.A., Ed.D. (1958)
Associate Professor of Physical Education
B.S., East Tennessee State College, 1948; M.A., University of Mississippi, 1949; Ed.D., Columbia University, 1953.
- ELOISE CAMP MELTON, A.B., M.A. (1944)*Instructor, Social Studies*
A.B., East Carolina Teachers College, 1935; M.A., George Peabody College for Teachers, 1943.
- JACK ROBERT MELTON, A.B., A.M., Ph.D. (1950)
Professor, Education
A.B., Duke University, 1932; A.M., *ibid.*, 1942; Ph.D., University of North Carolina, 1950.
- DAVID JOHN MIDDLETON, A.B., M.Ed., Ph.D. (1958)
Assistant Professor, Extension, Field Services, and Research
A.B., Duke University, 1950; M.Ed., University of North Carolina, 1957; Ph.D., *ibid.*, 1959.
- ALLEN G. MONTGOMERY, B.A., B.S., LL.B., M.A., M.S. (1946)
Associate Professor, Mathematics
B.A., B.S., LL.B., M.A., M.S., University of West Virginia.
- FRANK BRACKETT NORTHUP, B.S., M.A. (1958)
Instructor, Mathematics
B.S., Appalachian State Teachers College, 1957; M.A., *ibid.*, 1958.
- DAVID PIERCE, B.S. (1957)*Instructor, Physical Education*
B.S., Appalachian State Teachers College, 1957.
- WOODROW W. POWELL, B.S., M.A. Ph.D. (1958)
Associate Professor, English
B.S., Georgia Teachers College, 1937; M.A., Duke University, 1941; Ph.D., *ibid.*, 1958.
- UBERTO PRICE, B.S., M.A. (1955)*Associate Professor, Education*
B.S., Eastern Kentucky State College, 1942; M.A., Western Kentucky State Teachers College, 1946.
- JOHN ALFRED PRITCHETT, JR., A.B., M.A. (1956)
Associate Professor, Education
A.B., George Peabody College for Teachers, 1948; M.A., *ibid.*, 1949.

- LEO K. PRITCHETT, B.A., M.Ed. (1947)
Professor, Social Studies, Dean of Men
 B.A., Davidson College, 1928; M.Ed., Duke University, 1936.
- EUNICE QUERY, A.B., A.B. in L.S., M.A. (1947)
Associate Professor, Library Science
 A.B., Duke University, 1931; A.B. in L.S., University of North Carolina, 1939;
 M.A., Appalachian State Teachers College, 1953.
- J. FRANK RANDALL, A.B., M.S., Ph.D. (1957)
Assistant Professor, Biology
 A.B., University of North Carolina, 1941; M.S., University of Michigan, 1950;
 Ph.D., University of South Carolina, 1957.
- J. D. RANKIN, A.B., A.M., S.T.D. (1921)
Professor, Part-time, Speech
 A.B., Rutherford College, 1898; A.M., Oskaloosa, 1912; S.T.D., *ibid.*, 1922.
- LEE F. REYNOLDS, B.S., M.A., Ed.D. (1946)*Professor, Education*
 B.S., Ball State Teachers College, 1934; M.A., *ibid.*, 1937; Ed.D., Indiana
 University, 1946.
- MADGE M. RHYNE, B.S.H.E., M.S.H.E. (1947)
Assistant Professor, Home Economics
 B.S.H.E., Woman's College, U.N.C., 1931; M.S.H.E., *ibid.*, 1941.
- JANE MARGARET RINER, B.S., M.A. (1956)
Instructor, Business Education
 B.S., Appalachian State Teachers College, 1949; M.A., *ibid.*, 1956.
- KENT ROBINSON, B.S., M.A. (1956)*Instructor, Biology*
 B.S., Appalachian State Teachers College, 1950; M.A., *ibid.*, 1952.
- JAMES W. ROOKER, JR., B.M., M.M. (1952)
Assistant Professor, Music
 B.M., George Peabody College for Teachers, 1950; M.M., University of Ken-
 tucky, 1951.
- W. HOYT SAFRIT, B.S., M.A. (1950)*Assistant Professor, Music*
 B.S., Appalachian State Teachers College, 1950; M.A., *ibid.*, 1953.
- G. L. SAWYER, A.B., M.A. (1926)*Professor, Social Studies*
 A.B., Lenoir-Rhyne College, 1915; M.A., University of North Carolina,
 1935.
- JANET D. SHARP, B.S., M.S. (1954)*Instructor, Home Economics*
 B.S., University of Tennessee, 1949; M.S.; *ibid.*, 1955.
- LORIS SHIPMAN, A.B., B.S., M.A. (1946)
Associate Professor, English
 A.B., Meridian College, 1919; B.S., George Peabody College for Teachers,
 1925; M.A., *ibid.*, 1930.
- DONVAL RILEY SIMPSON, A.B., M.A. (1956)
Instructor, Mathematics
 A.B., Berea College, 1950; M.A., Appalachian State Teachers College, 1957.
- CATHERINE J. SMITH, B.S., M.A.Ed. (1941)*Associate Professor, Art*
 B.S., Oklahoma University, 1936; M.A.Ed., *ibid.*, 1938.

- WILEY SMITH, A.B., M.A., Ph.D. (1936)*Professor, Psychology*
A.B., Union University, 1924; M.A., George Peabody College for Teachers,
1928; Ph.D., *ibid.*, 1931.
- WILLIAM G. SPENCER, B.M.Ed., M.A., Ed.D. (1951)
Associate Professor, Music
B.M. Ed., Northwestern University, 1943; M.A., Teachers College, Columbia
University, 1949; Ed.D., *ibid.*, 1958.
- STARR N. STACY, B.S., M.A. (1935)*Professor, Physics*
B.S., Appalachian State Teachers College, 1935; M.A., George Peabody Col-
lege for Teachers, 1938.
- JAMES E. STONE, B.S., M.S., Ed.D. (1954)
Associate Professor, Education, Director of Summer Sessions
and Extension
B.S., Western Illinois State College, 1948; M.S., *ibid.*, 1949; Ed.D., University
of Illinois, 1954.
- ORUS RICHARD SUTTON, B.S., M.A. (1956)
Associate Professor, Business Education
B.S., Tennessee Polytechnic Institute, 1938; M.A., Northwestern University,
1942.
- ROGER E. THOMAS, B.S., M.Ed. (1950)
Assistant Professor, Physical Education
B.S., Springfield College, 1949; M.Ed., *ibid.*, 1950.
- BENJAMIN C. TINNELL, B.S., M.A., Ed.D. (1958)
Professor, Industrial Arts Education
B.S., Eastern Kentucky State College, 1943; M.A., *ibid.*, 1947; Ed.D., George
Peabody College for Teachers, 1952.
- KATHRYN CROFT TULLY, A.B., M.A. (1955)
Assistant Professor, Business Education
A.B., Concord College, 1939; Secretarial Science Diploma, Gregg College,
1940; M.A., Teachers College, Columbia University, 1942.
- LEWIS O. TURNER, B.A., M.Ed. (1958)
Assistant Professor, Education
B.A., Lynchburg College, 1949; M.Ed., University of Virginia, 1952.
- INA WOESTEMEYER VANNOPPEN, B.S., M.A., Ed.D. (1947)
Professor, Social Studies
B.S., University of Kansas, 1930; M.A., Teachers College, Columbia Univer-
sity, 1933; Ed.D., *ibid.*, 1937.
- JOHN VANNOPPEN III, A.B., M.A., Ed.D. (1947)
Professor, English
A.B., University of North Carolina, 1928; M.A., Columbia University, 1933;
Ed.D., *ibid.*, 1937.
- MARSHALL L. WALTERS, B.S., M.A. (1958)
Professor, Physical Education
B.S., George Williams College, 1926; M.A., New York University, 1950.
- MARYO WALTERS, B.A. (1958)*Instructor, Part-time, Spanish*
B.A., Florida State University, 1957.

- R. W. WATKINS, B.A., M.A. (1932)*Professor, Physical Education*
B.A., Maryville College, 1931; M.A., George Peabody College for Teachers,
1935.
- VIVIAN WOOD WELBORN, B.S., M.S. (1944)
Assistant Professor, Home Economics
B.S., Georgia State College for Women, 1941; M.S., University of Tennessee,
1948; A.D.A. Certification, 1950.
- BRYON WHITE, B.A., M.A. (1959) ..*Associate Professor, Social Studies*
B.A., University of North Carolina, 1928; M.A., University of Texas, 1954.
- D. J. WHITENER, A.B., M.A., Ph.D. (1932)*Dean, History*
A.B., University of North Carolina, 1922; M.A., *ibid.*, 1923; Ph.D., *ibid.*,
1932.
- HUGH WIESE, B.S. (1958)*Instructor, Part-time, Biology*
B.S., Bob Jones University, 1956.
- DOROTHY WILKINSON, B.S. (1958)*Instructor, Physical Education*
B.S., Woman's College of the University of North Carolina, 1957.
- CRATIS WILLIAMS, A.B., M.A. (1942)
Professor, English, Director of Graduate Studies
A.B., University of Kentucky, 1933; M.A., *ibid.*, 1937.
- ELIZABETH RUCKER WILLIAMS, B.S. (1951)*Instructor, Art*
B.S., Longwood State Teachers College, 1927.
- CARRIE W. WINKLER, A.B., M.A. (1949)
Assistant Professor, Social Studies
A.B., Carson-Newman College, 1918; M.A., Appalachian State Teachers
College, 1950.
- JOHN H. WORKMAN, A.B., M.A., Ph.D. (1946)
Professor, Social Studies
A.B., University of North Carolina; M.A., *ibid.*, 1932; Ph.D., *ibid.*, 1935.
- J.T.C. WRIGHT, A.B., A.M., Ph.D. (1920)*Professor, Mathematics*
A.B., University of North Carolina, 1917; A.M., George Peabody College for
Teachers, 1928; Ph.D., *ibid.*, 1938.
- JULIAN C. YODER, B.S., M.A., Ph.D. (1936)*Profesor, Social Studies*
B.S., Appalachian State Teachers College, 1933; M.A., George Peabody
College for Teachers, 1938; Ph.D., University of North Carolina, 1949.

GRADUATE ASSISTANTS

DOROTHY BARKER.....	<i>Reading Center</i>
CHARLES J. BIGGERS.....	<i>High School</i>
EDWARD LEE BLACK.....	<i>Elementary School</i>
GARY MOORE BOSTICK.....	<i>Social Studies</i>
JEANNE RIDDLE BOSTICK.....	<i>English</i>
RONALD CHRISTOPHER.....	<i>Elementary School</i>
KATE JENKINS DOBBS.....	<i>Music</i>
LORRAYNE DURHAM.....	<i>Dean of Women and English</i>
FRANCES ELDER ELMORE.....	<i>Elementary School</i>
JANE GOFORTH ELMORE.....	<i>Audio-Visual Education</i>
CLARA B. HANER.....	<i>Library Science</i>
SUE JANE HARMON.....	<i>Biology</i>
ERNEST JOHNSON.....	<i>Biology</i>
VINCENT LEONG.....	<i>Audio-Visual Education</i>
ROBERT H. MASON.....	<i>Reading Center</i>
MARY SUSAN MAUK.....	<i>Music</i>
CHARLES EDWIN MCKINNEY.....	<i>Library</i>
THOMAS HUBBARD MYERS, SR.....	<i>Biology</i>
MARY ALICE PATTON.....	<i>Physical Education</i>
SYBILE JESSIE RAY.....	<i>High School</i>
WARREN SEXTON.....	<i>Social Studies</i>
MAURICE STIREWALT.....	<i>High School</i>
JAMES BRUCE TRAMMELL.....	<i>Business Education</i>
SAMUEL B. TRAVIS.....	<i>Mathematics</i>
GAYNELL TRUITT.....	<i>High School</i>
*DEAN UPTON.....	<i>Physical Education</i>
DENTON WARD.....	<i>Audio-Visual Education</i>
RICHARD HUNTINGTON WILLIAMS.....	<i>Guidance</i>
CARL WILSON WYATT.....	<i>Physical Education</i>

THE DEMONSTRATION SCHOOLS

HIGH SCHOOL

ROY R. BLANTON, JR., B.S., M.A., Ed.D. (1949).....	<i>Principal</i>
B.S., Appalachian State Teachers College, 1941; M.A., <i>ibid.</i> , 1950; Ed.D., Indiana University, 1957.	
JOE L. BAIRD, B.S. (1958).....	<i>Reading</i>
B.S., Appalachian State Teachers College, 1957.	
J. EARL BRITTAIN (1958).....	<i>Carpentry</i>
VERLIN O. COFFEY, A.B., M.Ed. (1955).....	<i>Language</i>
A.B., University of South Carolina, 1950; M.Ed., <i>ibid.</i> , 1955.	
KATHLEEN M. DOUGHERTY, B.S., M.S. (1948).....	<i>Home Economics</i>
B.S., Alabama Polytechnic Institute, 1945; M.A., <i>ibid.</i> , 1947.	

* Deceased.

- ELIZABETH E. ELLIOTT, B.S., M.A. (1958) *English*
B.S., East Tennessee State College, 1940; M.A., George Peabody College for Teachers, 1953.
- RICHARD STEVE GABRIEL, B.S., M.A. (1957) *Mathematics*
B.S., Appalachian State Teachers College, 1952; M.A., *ibid.*, 1953.
- MARGARET ENGLISH GRAGG, B.S., M.A. (1941) *English*
B.S., Appalachian State Teachers College, 1941; M.A., *ibid.*, 1950.
- JACK WILLIAM GROCE, B.S., M.A. (1955) *Physical Education*
B.S., Appalachian State Teachers College, 1953; M.A., *ibid.*, 1955.
- PEGGY B. HADDEN, B.S., M.A. (1952) *Business Education*
B.S., Appalachian State Teachers College, 1951; M.A., *ibid.*, 1957.
- JAMES E. HADDEN, B.S., M.A. (1954) *Science*
B.S., Appalachian State Teachers College, 1952; M.A., *ibid.*, 1957.
- HARRY JENKINS, B.S., M.A. (1958) *Business Education*
B.S., Virginia Polytechnic Institute, 1928; M.A., University of Kentucky, 1949.
- NORMAN LACKEY (1958) *Electricity*
- KATIE JANE PETERSON, B.A., M.A. (1958) *English*
B.A., University of Tennessee, 1940; M.A., George Peabody College for Teachers, 1958.
- LERA B. RANDALL, A.B., M.A. (1957) *Librarian*
A.B., Carson-Newman College, 1947; M.A., Appalachian State Teachers College, 1951.
- LEROY ROGERS, B.S., M.A. (1951) *Social Studies*
B.S., Mississippi Southern College, 1935; M.A., *ibid.*, 1949.
- WILLIAM C. ROSS, JR., B.S., M.A. (1950) *Speech, Dramatics*
B.S., Appalachian State Teachers College, 1949; M.A., *ibid.*, 1950.
- MARY LILLIAN SCHELL, A.B., M.A. (1955) *Physical Education*
A.B., Catawba College, 1950; M.A., George Peabody College for Teachers, 1955.
- ROBERT E. SNEAD, B.S., M.A. (1956) *Mathematics and Science*
B.S., Appalachian State Teachers College, 1956; M.A., *ibid.*, 1957.
- R. L. TAIT, B.S., M.S. (1945) *Agriculture*
B.S., Alabama Polytechnic Institute; M.S., *ibid.*
- LACY M. VENABLE, A.B., M.Ed. (1957) *Social Studies*
A.B., High Point College, 1951; M.Ed., University of North Carolina, 1955.
- PERRY WATSON, B.M.Ed., M.A. (1956) *Music*
B.M.Ed., Florida State University, 1949; M.A., Appalachian State Teachers College, 1955.
- JAMES EUGENE WILSON, JR., B.S., M.A. (1958) *Music and Social Studies*
B.S., Appalachian State Teachers College, 1953; M.A., *ibid.*, 1954.
- LOUIE A. ZIMMERMAN, B.S., M.A. (1958) *Mathematics*
B.S., Western Carolina College, 1949; M.A., *ibid.*, 1956.

ELEMENTARY SCHOOL

- JOHN T. HOWELL, B.S., M.A., M.Ed. (1931) *Principal, Education*
B.S., Appalachian State Teachers College, 1930; M.A., George Peabody College for Teachers, 1938; M.Ed., *ibid.*, 1939.
- RALPH ANDERSON, B.S. (1958) *Physical Education*
B.S., Northern Illinois University, 1955.
- ELLA A. BESHEARS, B.S., M.A. (1935) *Primary*
B.S., Appalachian State Teachers College, 1934; M.A., George Peabody College for Teachers, 1936.
- ROBERT BLAZIER, B.A., B.S., M.S. (1958) *Grammar Grade*
B.A., Johnson Bible College, 1951; B.S., University of Tennessee, 1955; M.S., *ibid.*, 1958.
- LOUISE BOOTH, B.S., M.A. (1958) *Grammar Grade*
B.S., East Tennessee State College, 1952; M.A., *ibid.*, 1955.
- LEAFYBELLE B. BROOME, B.S., M.A. (1947) *Primary*
B.S., Appalachian State Teachers College, 1940; M.A., *ibid.*, 1950.
- GRACE Y. BUCKLAND, B.S., M.A. (1948) *Grammar Grade*
B.S., Appalachian State Teachers College, 1939; M.A., *ibid.*, 1951.
- JANE L. COREY, B.S. (1958) *Grammar Grade*
B.S., Appalachian State Teachers College, 1955.
- VELMA M. COTTRELL, B.S., M.A. (1948) *Primary*
B.S., Appalachian State Teachers College, 1939; M.A., *ibid.*, 1952.
- BESS S. CRAWFORD, B.S., M.A. (1946) *Primary*
B.S., Appalachian State Teachers College, 1940; M.A., *ibid.*, 1951.
- ENNIS R. DAVIS, B.S., M.A. (1945) *Primary*
B.S., Appalachian State Teachers College, 1938; M.A., George Peabody College for Teachers, 1940.
- ROBERT CARL DAY, B.S., M.A. (1951) *Grammar Grade*
B.S., Appalachian State Teachers College, 1950; M.A., *ibid.*, 1951.
- CLYDE GOODMAN, B.S., M.A. (1932) *Grammar Grade*
B.S., Appalachian State Teachers College, 1932; M.A., George Peabody College for Teachers, 1937.
- MARY F. HAMBY, B.S., M.A. (1947) *Grammar Grade*
B.S., Flora Macdonald College, 1940; M.A., Appalachian State Teachers College, 1955.
- LOUISE W. HORTON, B.S., M.A. (1948) *Grammar Grade*
B.S., Woman's College of the University of North Carolina, 1938; M.A., Appalachian State Teachers College, 1955.
- IRENE W. HOWELL, B.S., M.A. (1956) *Grammar Grade*
B.S., Appalachian State Teachers College, 1930; M.A., *ibid.*, 1957.
- EUNICE DRUM LOWMAN, A.B., M.A. (1956) *Primary Grades*
A.B., Lenoir Rhyne College, 1935; M.A., Appalachian State Teachers College, 1956.
- JESSIE DE BERRY PEASE, A.B., M.A. (1955) *Librarian*
A.B., John B. Stetson University, 1945; M.A., Appalachian State Teachers College, 1955.

- EARL L. PETREY, B.S., M.A. (1949) *Assistant Principal and Grammar Grade*
 B.S., Union College, 1947; M.A., Eastern Kentucky State College, 1949.
- CHARLES ELIZABETH PUTNAM, B.S., M.A. (1954) *Primary*
 B.S., Appalachian State Teachers College, 1941; M.A., George Peabody College for Teachers, 1955.
- JANE G. ROBINSON, B.S. (1955) *Primary*
 B.S., Western Carolina Teachers College, 1940.
- LAWRENCE ROGERS, B.S. (1958) *Grammar Grade*
 B.S., East Tennessee State College, 1950.
- GAYNELLE BANNER WILSON, B.S., M.A. (1955) *Music*
 B.S., Appalachian State Teachers College, 1955; M.A., *ibid.*, 1956.

LIBRARIANS

- MRS. EMMA H. MOORE (1915) *Librarian Emeritus*
- WILLIAM L. EURY, A.B., B.S. in L.S., M.S. in L.S. (1929) *Professor, Head Librarian*
 A.B., Duke University, 1926; B.S. in L.S., George Peabody College for Teachers, 1937; M.S. in L.S., *ibid.*, 1951.
- RICHARD T. BARKER, B.S., M.A. (1956) *Circulation Librarian*
 B.S., Appalachian State Teachers College, 1955; M.A., *ibid.*, 1956.
- ALLIE AUSTIN HODGIN, B.S., B.S. in L.S. (1934) *Instructor, Reference Librarian*
 B.S., Appalachian State Teachers College, 1934; B.S. in L.S., George Peabody College for Teachers, 1940.
- BESSIE W. HOLLINGSWORTH, B.S. (1957) *Temporary Instructor, Librarian, Curriculum Laboratory*
 B.S., Appalachian State Teachers College, 1956.
- MARY ALICE HUFF, A.B., B.S. in L.S. (1942) *Instructor, Cataloguer*
 A.B., Limestone College, 1938; B.S. in L.S., George Peabody College for Teachers, 1940.
- ZEB V. SHOOK, B.S., M.A. (1953) *Instructor, Order Librarian*
 B.S., Appalachian State Teachers College, 1953; M.A., *ibid.*, 1954.
- MRS. VERA C. TUNNEL (1943) *Periodicals Librarian*

DORMITORY HOSTESSES

- MISS HELEN STEWART *Dauph-Blan Hall*
- MRS. ANNIE S. MAJETTE *East Hall*
- MRS. ARLIE THOMPSON *East Hall*
- MRS. MARJORIE KELLY *Lovill Hall*
- MRS. LENA NICHOLS *North Hall*
- MRS. MAXIE G. EDMISTEN, also Dean of Women *White Hall*
- MRS. HONOR DEE WINKLER *White Hall*

ADMINISTRATIVE EMPLOYEES

PRESIDENT'S OFFICE

Mrs. Earleen G. Pritchett, *Secretary to the President*

VICE-PRESIDENT AND COMPTROLLER

Mrs. Ruth Redmond, *Accountant*

Mrs. Melba Tugman, *Cashier and Secretary*

Mrs. Maude Carroll, *Accounting Clerk III*

Ned Trivett, *Veterans' Affairs and Accountant*

Mrs. Edna Eaton, *Typist II*

Mrs. Marjorie Idol, *Typist I*

C. C. Coffey, *Accountant*

DEAN'S OFFICE

Mrs. Ruth Isaacs, *Typist I*

Mrs. Elizabeth Triplett, *Steno II*

REGISTRAR'S OFFICE

Mrs. Catherine Ross, *Steno III*

Mrs. Carol S. Sexton, *Typist II*

Mrs. Phyllis Lytle, *Typist II*

Mrs. Becky E. Younce, *Typist I*

DIRECTOR OF GRADUATE STUDIES

Mrs. Judith C. Robinson, *Steno II*

Mrs. Janie E. Gibson, *Steno II*

PLACEMENT OFFICE

Mrs. Bernice Allman, *Steno II*

STUDENT TEACHING OFFICE

Mrs. Mary Lee Cooper, *Steno II*

PERSONNEL OFFICE

Mrs. Carrie H. Bingham, *Typist I*

SUPERVISORS

John Welborn, *Manager of Cafeteria*

S. M. Ayers, *Electrical Engineer*

Floyd Hagaman, *Farm Manager*

Howard J. Cottrell, *Manager of Book Store*

Crater Marsh, *Superintendent of Buildings and Grounds*

T. C. Beach, *Superintendent of Laundry*

Milton W. Moretz, *Acting Maintenance Engineer*

LOCATION

Boone, the home of Appalachian State Teachers College, located on the crest of the Blue Ridge Mountains at an elevation of 3,333 feet above sea level, with a population of 3,000, is the county seat of Watauga County.

In this county, at the foothills of the Grandfather Mountain, the headwaters of four great rivers have their source. They go their respective ways to the ocean: the Yadkin flowing eastward, and the Catawba southward to the Atlantic; the Watauga westward into the Tennessee, and the New River northward into the Ohio and finally into the Gulf of Mexico.

Boone is accessible over excellent highways and in easy distances of all of North Carolina and much of the South. United States Highways 221, 321, and 421 intersect and lead out from Boone. The town is within five miles of the Blue Ridge Parkway that connects the Shenandoah and the Smoky Mountain National Parks. It is nine miles from the famous Blowing Rock.

Distances from Boone to nearby state capitals are: Columbia, 210 miles; Atlanta, 328; Nashville, 335; Richmond, 328; Raleigh, 209.

Some other distances are: Washington, D. C., 338 miles; Knoxville, 161; Spartanburg, 130; Winston-Salem, 100; Greensboro, 125; Salisbury, 100; Charlotte, 110; and Asheville, 100.

HISTORY

The Appalachian State Teachers College had its beginning in the summer of 1899. A group of Watauga County citizens, under the leadership of D. D. Dougherty and B. B. Dougherty, began a movement to establish a school at Boone. Land was donated by D. B. Dougherty, father of the leaders in the enterprise, and by J. F. Hardin, a prominent citizen of the town. A frame building was erected by contributions from citizens of Boone and Watauga County. A list of these contributors is preserved in the library.

In the fall of 1899, D. D. Dougherty and B. B. Dougherty, acting as co-principals, with Mrs. D. D. Dougherty as teacher of primary work, began the school in an old building about 30x40 feet. There was one room below and one above, with a covered stairway on the outside. The windows and doors below were all gone. The equipment consisted of a small homemade teacher's desk and homemade seats. At Christmas the school was moved into a new building to be known as Watauga Academy. Only two classrooms were finished. For four years the passing of each summer marked the completion of an additional room. There were fifty-five students in the school district, none of whom were above the third grade.

This co-principalship lasted four years, after which time the school was made a state institution. D. D. Dougherty carried on the administrative side of the school and taught, while B. B. Dougherty was Superintendent of Education for Watauga County, teaching in the spring after the public schools had closed. He also taught in the summer session. During these four years the town school was taught in connection with the Watauga Academy by Mr. and Mrs. D. D. Dougherty, who received a joint salary of \$25.00 per month for four months each year.

A summer school was regularly maintained. Many teachers in Watauga and adjoining counties attended. Courses were given in methods of teaching arithmetic, spelling, history, and geography. Committees from the larger schools sought out and employed the teachers trained here. There was a great educational awakening in Western North Carolina.

Captain E. F. Lovill and B. B. Dougherty, with W. R. Lovill as typist, one Sunday in the home of Captain Lovill, of Boone, wrote a bill to establish a state institution in northwestern North Carolina. There were no resolutions by teachers' assemblies, no requests from any source to write this bill.

In the same year, 1903, Honorable W. C. Newland, of Caldwell County, introduced the bill in the House of the General Assembly of North Carolina. The measure, after a hard fight before the Committee on Education, was reported favorably to the House. Here Honorable R. A. Doughton of Alleghany County, with his powerful influence, joined Mr. Newland in his arguments for the bill. It was passed by a good majority. However, in the Senate the measure was turned down by the Committee on Education, but Senators Clyde R. Hoey, of Cleveland County, R. B. White, of Franklin County, and E. J. Justice, of McDowell County, all young men who distinguished themselves later as orators and as statesmen, signed a minority report and carried the bill to the Senate floor, where on the last day, each made a speech in behalf of the bill that marked the beginning of a larger career for himself. The bill passed by only one vote. A new state institution was thus established.

Excerpts from the Bill

"THE GENERAL ASSEMBLY OF NORTH CAROLINA DO ENACT:

"Section 1. That W. C. Fields and A. S. Carson of the County of Alleghany; J. D. Thomas and T. C. Bowie of the County of Ashe; Adolphus Taylor and W. P. Horton, of the County of Wilkes; F. P. Moore and J. M. Barnhardt, of the County of Caldwell; Moses H. Cone and E. F. Lovill, of the County of Watauga; J. R. Pritchard and T. A. Love, of the County of Mitchell and J. B. Ray and E. F. Watson, of the County of Yancey, are hereby created a

body politic and corporate under the name of the Appalachian Training School for Teachers, and as such may sue and be sued, implead and be impleaded in all the courts of the State, may purchase and hold real estate, receive donations, and do all things useful and necessary to carry out the true intent and meaning of this act.

"Section 2. That the said board of trustees shall meet in the town of Blowing Rock, in the County of Watauga, in the month of May, after the passage of this act, at the call of the Superintendent of Public Instruction of North Carolina, and shall organize by electing a president, a secretary, and a treasurer, and shall meet annually thereafter at a time and place to be fixed by said board."

Other sections state that \$2,000 shall be appropriated annually for maintenance; that \$1,500 shall be appropriated for buildings when a like amount is paid by private contributors; and that tuition shall be free to those who pledge themselves to teach in the public schools of the State for two years.

Dr. J. Y. Joyner, State Superintendent of Public Instruction, in accordance with the provisions of the Charter, called a meeting of the Board of Trustees. Captain E. F. Lovill was elected President of the Board, which position he held with great credit until his death in 1925. F. P. Moore, J. M. Barnhardt, and Moses H. Cone were elected Executive Committee.

Citizens from Jefferson, Globe, Blowing Rock, Montezuma, Valle Crucis, and Boone offered inducements to have the school located in these respective communities. The Boone people offered, with other things, the Watauga Academy, equipment and grounds. The trustees voted to locate the school in Boone.

As the appropriations for buildings were made for the first six years, on condition that a like amount should first be contributed by private citizens, B. B. Dougherty was elected financial agent. He immediately began a campaign for donations. Practically everyone in the Boone vicinity helped. He then canvassed the county with great success. The financial agent was so pleased with the desire of the Watauga people for something better than they had known, that he visited the adjoining counties. Everywhere he received small, but many donations. Mr. Moses H. Cone, of Greensboro and Blowing Rock, made the largest contribution. At one time he gave \$5; at another time, \$500. Honorable R. Z. Linney, of Taylorsville, gave \$500. A visit by the financial agent to Washington, Philadelphia and New York was successful. First and last, people in nearly every state east of Mississippi River made small contributions.

The trustees of the new school also met in Boone in June, 1903, and elected B. B. Dougherty, Superintendent; D. D. Dougherty, Principal; and W. C. Coffey, Treasurer. For twenty-two years there

followed a period of steady growth, academic development, and valuable service to the State.

In 1925 the Legislature changed the name to Appalachian State Normal School and greatly increased the appropriations for both maintenance and permanent improvements. In this year, Superintendent B. B. Dougherty was elected President, and Principal D. D. Dougherty was elected Business Manager and Treasurer. Unparalleled growth along all lines followed. Four years later, 1929, the plant and property had reached a value of more than \$1,000,000. The Legislature revised the charter and changed the name to Appalachian State Teachers College, increased the appropriation for maintenance, and authorized the trustees to "confer or cause to be conferred such degrees as are usually conferred by similar institutions in America." B. B. Dougherty was continued as President; D. D. Dougherty was continued as Business Manager and Treasurer, but he was not permitted long to enjoy the larger institution. He was called to his reward on June 10, 1929, the very day of the registration for the new college. His work was then taken up by Mrs. D. D. Dougherty, and is now in the hands of their son, Barnard Dougherty.

Dr. B. B. Dougherty resigned as President at the end of the school year in 1955, and Dr. J. D. Rankin, Dean of the College, was appointed by the Board of Trustees to serve as President until a new President could be appointed. At the same time Mr. David Barnard Dougherty was appointed Vice-President and Comptroller of the College. Dr. William H. Plemmons was appointed President by the Board of Trustees, and began his service at the beginning of the fall term in 1955. He was officially inaugurated as President on April 24, 1956.

BUILDINGS

ADMINISTRATION BUILDING. The Administration Building contains the central auditorium, administrative and faculty offices, offices of student publications, and twenty-one classrooms.

SCIENCE BUILDING. This building, completed in 1940, contains offices, classrooms, laboratories, and lecture halls for the Department of Science and the Department of Mathematics.

HOME ECONOMICS BUILDING. The old Administration Building has been renovated to provide modern facilities for Home Economics, including classrooms, food and clothing laboratories, home management house, nursery school, and a small auditorium.

PHYSICAL EDUCATION BUILDINGS. Three buildings are utilized for the program of Health, Physical Education, and Recreation. The New Physical Education Building was opened for use in

November, 1955. This building contains a large gymnasium, modern swimming pool, classrooms, offices, audio-visual room, and adequate shower and locker rooms for men and women. Overnight accommodations are also provided in this building for visiting groups.

Two gymnasiums, a swimming pool, offices, classrooms, showers and locker rooms are available in the other two Physical Education Buildings which have been in use prior to the acquisition of the new building.

Eight all-weather tennis courts were completed in 1955. Adequate fields are provided for outdoor sports. Permanent stands seat approximately five thousand for football games. An excellent baseball diamond with bleachers for several hundred spectators is provided for intercollegiate contests.

DEMONSTRATION SCHOOLS. Appalachian High School and the Boone Elementary School are located on the college campus. The buildings are modernly equipped for a thorough program of observation and student teaching.

A new and modern elementary school building was occupied at the opening of the 1954-55 school term. It contains the most up to date equipment to care for all phases of elementary instruction.

LIBRARIES. The D. D. Dougherty Library Building first occupied in 1935 has recently been expanded. The book capacity of the building is 150,000, and now contains 85,887 volumes. The libraries of the Demonstration schools, also accessible to college students, contain about 8,000 volumes. The Music Library housed in the Fine Arts Building has a growing collection of music scores, sheet music, phonograph records, song books and other items of primary interest to the Department of Music.

The new extension provides added space for staff offices, a reserve reading room, a microfilm reader department, and a curriculum laboratory. The reading rooms of the library provide seats for approximately 500 readers. The lower floor of the building houses the Juvenile Library and two offices, a study room and typing room and three classrooms for the Department of Library Science.

FINE ARTS BUILDING. This new building accommodates the music department and has space for the teaching of public school art.

FACULTY APARTMENTS. The Faculty Apartments Building was first occupied in the summer of 1953. It contains thirty-three efficiency apartments which are available for faculty members.

LOVILL HALL. This dormitory for women contains seventy-six rooms and accommodates one hundred and fifty students.

WHITE HALL. This building provides rooms for one hundred and fifty women.

DAUPH-BLAN HALL. This dormitory for women accommodates one hundred and seventy-five students.

NEWLAND HALL. This building for men accommodates one hundred and thirty students.

EAST HALL. This is a new dormitory for women, first occupied in 1952. It contains rooms for two hundred and four women.

NORTH HALL. The old Faculty Apartments have been converted to a dormitory for women. This dormitory will accommodate one hundred and twenty-six women.

JUSTICE HALL. This new dormitory for men was opened in 1952. It accommodates a total of three hundred and twenty-two men.

COTTAGES. Five cottages, located on Locust Street, provide lodging for married students.

FACULTY HOMES. The college has sixteen homes for the use of faculty members. These homes are located on Faculty Street and Stanbury Circle, just off the campus.

WATAUGA HOSPITAL. This hospital, located on the campus, is used as the college infirmary, and in co-operation with the Department of Health and Physical Education provides convenient, adequate, and economical health service for the student body.

CAFETERIA. The college cafeteria is located near the women's dormitories. It is equipped to serve more than a thousand students.

BOOK STORE. The Book Store is equipped with fountain service and sells various incidental supplies in addition to books. It is operated by the college for the convenience of students and faculty. The newly completed addition to the building more than doubles the available space, and the dining area and the materials and supply sections have separate and adequate space to provide for added facilities and services.

EMPLOYEES' HOMES. Several college-owned homes near the campus are occupied by employees of the college.

POWER PLANT. Power, heat, and light are furnished by two plants. One, a hydro-electric plant, is located on New River between Boone and Blowing Rock. The other, a steam plant, is on the campus.

LAUNDRY AND SERVICE BUILDING. In this building are housed a modern laundry and dry-cleaning plant, the office and shop of the Superintendent of Buildings and Grounds, office and shop of the Maintenance Engineer, supply store-room, and the college garage.

COLLEGE FARMS. In addition to the thirty-five acre campus in Boone, the college owns two farms of over two hundred acres each, upon one of which is located a large dairy. The college farms supply some of the meats, vegetables, and all of the milk used in the cafeteria.

The entire college plant has a value of approximately \$10,000,000.

PURPOSE AND IDEAL

The purpose of the college is stated in the charter, Section 8: "That the central purpose of the Appalachian State Teachers College shall be to prepare teachers for the public schools of North Carolina."

The ideal of the college is that every child in North Carolina shall be taught by one of vigorous health, pleasing personality, thorough scholarship, skilled in both the science and the art of teaching.

To this purpose and ideal, the college will devote its entire resources.

COLLEGE ORGANIZATION

The Appalachian State Teachers College is organized as follows:

- (1) The Junior (academic) College
- (2) The Senior (professional) College

The Junior College embraces the freshman and sophomore years. The curricula are chiefly concerned with academic subjects of general cultural type, suitable for advancement in almost any field. In these first two years the student may test his own interests and aptitudes to discover whether he should prepare to be a teacher, transfer to another college for training in a different field, or consider the two years as a terminal college course.

Students, to be admitted to the Junior College, should present a transcript of graduation from a standard high school, together with a satisfactory recommendation from the principal. Out-of-state students, to be admitted to the college, should rank within the first three quarters.

The Senior College embraces the junior and senior years. Specific preparation for teaching begins in the junior year of the Senior

College. The curricula are of two types: the one, professional courses needed in teacher-training; the other, elective courses needed to enrich the fields in which the student proposes to specialize.

Students, to be admitted to the Senior College, should have: (a) the Junior College course at this institution or its undoubted equivalent in some other institution; (b) good health; (c) favorable attitudes toward society, and suitable aptitudes for teaching; (d) approval of the heads of departments in the fields in which he proposes to major; (e) approval of the Executive Committee of the College.

The courses in the catalog are numbered. Those from 100-299 are the Junior College courses; those from 300-499 are the Senior College courses; those numbered 500 or above are graduate courses. The first numeral in each course indicates the year in which the course should be taken.

The college operates on the quarter basis, with three quarters in the regular session, and a summer quarter divided into two terms of six weeks each. A student should complete a year's work in three quarters.

Graduate Work

Graduate work leading to the Master of Arts Degree in Education is offered by this institution. All students who expect to become candidates for the Master's degree will major in Education, Counseling, Library Science, Music, Biology, Mathematics, Social Studies, Physical Education, Business Education, or English. They may select their minors from Biology, Business Education, English, Library Science, Mathematics, Music, Physical Education, Social Studies, or Education. The work for the Master's degree may be completed in three summer quarters.

The graduate catalog, available in December, and the summer school catalog, available in March, carry full information concerning the graduate work offered in this institution. A copy of either publication may be had by writing the Registrar.

SOME OBLIGATIONS

The College

- (1) The college owes to the students wholesome environments in which to study.
- (2) The college owes to the students an excellent instructional program.
- (3) The college owes to the students every advantage to be found in sympathetic guidance.

The Students

- (1) The students owe to the college and to themselves their heartiest co-operation in establishing an environment conducive to study.
- (2) The students owe to the college and to themselves their greatest efforts in acquiring and assimilating new knowledge.
- (3) The students owe to the college and to themselves an open attitude in accepting suggestions and in adjusting themselves to college life.

EXPENSES

Out-of-State Students

The residence of a student is presumed to be the same as that of his parents.

Ownership of property or payment of taxes in North Carolina does not qualify a person as a resident.

All students, except residents of North Carolina, must pay out-of-state fee.

Students are expected to state correctly their home addresses on both application for admission and registration blanks. Students who are in doubt as to their out-of-state residence should determine their status in consultation with the Registrar and Vice-President before registration.

A—College Fees

To be paid at the beginning of each quarter:

Registration	\$ 10.00	
Tuition for North Carolina Students	35.00	
Fee for Out-of-State Students	65.00	
Total for North Carolina Students		\$ 45.00
Total for Out-of-State Students		110.00

B—Living Expenses

Room, heat, light, water, and service	\$ 36.00	to	\$ 45.00
Cafeteria (minimum)	75.00		75.00
Laundry, pressing (minimum), Men	12.00		12.00
Laundry, pressing (minimum), Women	8.00		8.00
Men	\$123.00		\$132.00
Women	\$119.00		\$128.00

Rooms: (Charges per term.)

Lovill Hall	\$36.00
White Hall	36.00
Dauph-Blan Hall	36.00
Except the private rooms which are	45.00
East Hall	36.00
Except the private rooms which are	45.00

Newland Hall	\$36.00
Except the private rooms which are	45.00
Justice Hall	36.00
Except the private rooms which are	45.00

The college reserves the right to change the above charges any time that it becomes necessary.

The room reservation fee of \$20.00 is deductible from the room rent charge at opening of first term in residence. Fee is not refundable after August 1, 1959.

All students living in the dormitories are required to take their meals in the college cafeteria.

C—Student Welfare

Student welfare fee	\$ 8.25
(Includes: gymnasium; lyceum and forensic activity; hospitalization; and Student Council Activity.)	

D—Student Activities

Student activity fee	\$18.75
(Includes: <i>Appalachian</i> , <i>Rhododendron</i> , athletic, and book rental fees.)	

Contingent Fees

A charge of five dollars is made for late registration of one day after the day set aside as registration day, with an increase of one dollar for each additional day, the total not to exceed ten dollars.

For change of course of study	\$ 1.00
For change of room after registration	1.00
Student Teaching Fee	15.00
Cap and gown fees:	
Bachelor's degree	4.00
Master's degree	8.00
Diploma fees:	
Bachelor's degree	6.00
Master's degree	10.00
National Teacher Examination, as charged by Educational Testing Service:	
Common and one optional	7.00
Common and two optional	9.00
Home Management House	120.00
Tuition per hour above 18 hours	4.00

Music per Half-hour Lesson per Week

Private lessons, any instrument or voice	\$15.00
Practice rooms, voice, piano, organ, first quarter hour	5.00
Each additional quarter hour	2.50
Practice rooms, strings, wind, percussion, first quarter hour	2.50
Each additional quarter hour	1.25
Class lessons, any instrument, per quarter hour	9.00

REFUNDS AND WITHDRAWALS

A student who, for any reason, withdraws from the college before the end of any quarter will have a proportionate part of the amount paid for board refunded. If a student withdraws before registration for the quarter is closed, one-half of the fees for room and tuition will also be refunded. Refunds will be calculated from the date of the official withdrawal from the college.

A student who withdraws from the college should have the consent of his parents or his guardian and must have the approval of the Dean and the Registrar.

HOUSING

Owing to a shortage of dormitory space, some students may find it necessary to secure rooms in town. An approved list of housing facilities may be secured from the Business Office. Women students who desire to room off campus, not living at home or with close relatives, must secure permission from the Dean of Women to room in town.

Men students who desire to room off campus, not living at home or with close relatives, must be so registered with the Dean of Men.

BOOKS

All textbooks are furnished to undergraduate students by the College Book Store on a rental basis. Under the plan each student pays a flat fee of \$8.25 per quarter, which entitles him to the textbooks used in each course for which he registers. At the end of the quarter all books are checked into the Book Store and new books issued according to need. This does not include free notebooks, workbooks, manuals, and the like. Students desiring to own their textbooks in courses for which they are registered may buy them.

SPECIAL NOTICE

Any student desiring to make special arrangements for payment of his account should do so one week prior to the opening of any quarter.

Students will be expected to take care of all accounts and fines before taking final examinations at the close of each quarter.

No degree, certificate, or transcript will be given to a student until all bills due the college, except current loans, have been paid.

All charges must be paid or arranged, and all books must be returned to the bookroom before a student may register for any new quarter.

SELF-HELP WORK

A very small amount of self-help work is available. Students desiring to make application for this type of aid should write to the Vice-President of the college for a blank on which to make application.

LOAN FUNDS

PURPOSE

The Appalachian State Teachers College has been ambitious to establish loan funds to aid *needy* and *worthy* students. These funds are not intended as *gifts* but as *loans*.

When a student borrows money from any of these funds, he will give his note and will promise to pay it from the first money he earns. He is under as much obligation to pay this note as he would be to pay a bank note. These funds are to be revolving funds. To illustrate: When \$100.00 is lent to a student, he pays it back with interest. This money is lent to another student, and he pays it back with interest, and so on. Then the same money, in time, may help many students to get an education. The college has the same interest in protecting these funds as it had in securing them.

The loan funds, at present, are not sufficient to meet all the requests. As a rule, a student should have been in college one or two years before he makes application for a loan. There is a Loan Committee that approves or disapproves all applications. Scholarship and Student Government records are considered in the awarding of loans.

MILTON LOAN FUND

This fund of \$100 is contributed by Mrs. David Milton of New York and Blowing Rock.

RHODODENDRON LOAN FUND

This fund, which amounts to \$2,500, is derived from the yearly surplus in the publication of the annual.

STUDENT LOAN FUND

This is an accumulation of approximately \$5,000, supplemented yearly by the outgoing class with the funds from entertainments.

FRANCES L. GOODRICH LOAN FUND

This fund was contributed by the Trustees of Asheville College and is subject to return to the Frances L. Goodrich Loan Fund of Asheville College if a fully accredited four-year college is opened in Asheville. Loans are restricted to \$300.00 per year and are available only to Juniors and Seniors.

MIDDLE FORK LOAN FUND

This fund now amounts to approximately \$60,000. It was set up by act of the legislature of North Carolina and is an accumulation of revenues above actual maintenance cost of the New River Light and Power Company.

NORA E. EDMONDSON LOAN FUND

This fund of \$500.00 was donated by Mrs. Bertie E. Perkins in memory of her sister, Miss Nora E. Edmondson, who, at time of her death was the oldest graduate of the college, and who from her first visit in 1942 until her death, was one of the most loyal and devoted friends of the college.

This fund is designated for the use of graduate students only.

CHARLES F. CARROLL SCHOLARSHIP LOAN FUND

This fund of \$125.00 was donated by the State Superintendent of Public Instruction to be used by any student(s) of character, scholarship, and economic need.

HOW TO BORROW MONEY

Before applying to the college for a loan, a student should:

- (1) Try to arrange with friends at home to borrow money.
- (2) Try for private work.

If he should fail in each of these, he may apply to the College Loan Committee. This Committee will take into consideration his cumulative record in college and his habits of thrift and economy. If his record is satisfactory and if the money is available, a loan will be made.

All notes should be signed by two responsible people other than parents, and should be executed two weeks before registration day.

GENERAL INFORMATION

HEALTH SERVICE

Appalachian recognizes the value of health as a basis of successful living. The man or woman unable to stand the strain of competitive activity is poorly prepared for life. All applicants for admission to Appalachian State Teachers College should be in good health.

In connection with our Health Department the college maintains a close relationship with Watauga Hospital. Through these agencies the following services are provided:

1. A screening examination of every returning student during the first two weeks of the fall quarter. Students who do not get this examination during the time specified will be expected to arrange for and pay for their own examination.

2. Consultation on health matters at any time and dispensary treatments when in the opinion of the nurse such service is needed.
3. Correction of remediable defects when this involves exercise only.
4. Practical personal and community hygiene courses are required of all students, in connection with physical education.

HOSPITALIZATION

Any student who becomes ill will be admitted to the Watauga Hospital by direction of the physician of his choice. The college will pay the following charges for a period of seven days during each quarter of the regular session: board and room, general nursing care, and the cost of the operating room for an emergency operation. The college will not be responsible for any charges other than those listed above.

ATHLETICS

Wholesome amateur athletics for young women and young men are encouraged. Athletics are outgrowths of our physical education program. Athletic teams are not developed solely to win games, but to create and develop a greater interest in every student for clean sports, true sportsmanship, and honest competition. The athletic policy of the school is to interest each student to take part in some sport that will carry over in his life after he leaves school, and that will help him to keep physically fit and mentally alert.

The athletic teams have won enviable reputations during the past few years in football, baseball, basketball, wrestling, and tennis. The best coaches to be had are secured for the coaching positions.

The college is a member of the North State Athletic Association and will carry out the rules and regulations of the Association.

The management of athletics is under the control of a faculty committee.

Each student pays a quarterly fee to support the program.

RELIGIOUS LIFE

This institution feels a deep responsibility for the religious welfare of students and endeavors to maintain high ethical and Christian standards. During the assembly period religious exercises are held regularly, and ministers from the different churches of Boone and elsewhere take part in conducting the services from time to time. The Advent Christian, Baptist, Catholic, Church of

Christ, Episcopal, Lutheran, Methodist, and Presbyterian churches have congregations here. Leading ministers from the respective denominations serve as pastors. The churches are doing excellent work for the young people through their Church Schools and young people's organizations. Each student is encouraged to attend the church of his own choice.

In addition, there are active organizations of the Young Women's Christian Association, the Young Men's Christian Association, and an inter-denominational Religious Council which coordinates the religious activities of the college.

SOCIAL LIFE

In order that students may have a well-rounded education, opportunities for the cultivation of the social graces are provided.

The social calendar for the year, aside from varied and comprehensive intercollegiate and intramural programs in sports and physical education, includes: formal balls, receptions, and dinners; informal parties, receptions, dinners, and teas; lectures, programs by the divisions of music, dramatics, and home economics; Spring Festival, inter-class parties, and the like. In addition, there are lyceum numbers, in which well-known artists appear, without extra cost to the students.

GUIDANCE

Appalachian State Teachers College undertakes to render especially valuable service in the field of student guidance. We believe that under pleasant conditions of comradeship, students in general not only can do much better academic work but can make greater advancement in the personal qualities that should accompany worthy academic achievement.

Each freshman is assigned to a professor. These professors are called faculty advisers. The purpose is to cultivate a spirit of mutual understanding between the faculty and the student, and to give guidance in whatever field may be found useful.

Our experience has been encouraging in reduced student mortality, in increased friendliness and cooperation, and in appreciation of the public interest.

THE STUDENT COUNCIL

In 1939-40 the student participation in government, which before that time was rather unofficial, was organized into the Student Council, made up of five seniors, four juniors and two sophomores. The President of the Student Body is ex-officio president of the Student Council. The Council has done excellent work in

developing the honor consciousness, general trustworthiness, and the spirit of personal responsibility in the student body.

THE HONOR SYSTEM

The honor system implies that a student is trustworthy and will not violate a pledge or commit a dishonorable act in connection with college life. Every student is expected to conform to the accepted standards of culture and refinement.

Matriculation at Appalachian constitutes a promise on the part of the student:

1. to inform himself concerning the regulations of the college and Student Government, as published in *The Student Handbook* and dormitory booklets.
2. to abide by these regulations so long as he expects to remain in college.

The college reserves the right to request any student whose conduct or general attitude is considered unsatisfactory by the authorities of the college to withdraw from the college, even though no specific charge is made against him.

All students enrolled in college, whether living on campus or living off campus, are subject to the rules of good citizenship and conduct as administered and supervised by the college administration and the Student Council.

CLUBS

The College has a well-diversified program of club activities, as well as honorary societies, to meet the interests and needs of students in a teachers college. Social sororities and fraternities, therefore, are not permitted.

WEEK-END VISITS

Students are discouraged from spending frequent week ends away from college. The practice tends to interfere with college work. It should in no case conflict with class schedules or other college obligations. Special written permission must be secured from her parents by any young woman for off-campus trips, except when going home.

This privilege may be withdrawn from those who are failing or who are greatly deficient in their work.

MOTOR VEHICLES

Beginning with the opening of the fall quarter, September 1957, no freshman, except one who commutes or whose physical condition is such as to warrant otherwise.

INSURANCE

For some years the college has been able to offer its students an opportunity to get inexpensive accident insurance. Specific details are sent to each prospective new student and all of the returning students in August.

STUDENT PUBLICATIONS

The College Newspaper

The Appalachian is the college newspaper, published weekly by the students of Appalachian State Teachers College. The editor and business manager are chosen each spring from the rising senior class in a campus-wide vote. Other positions on the staff are filled by members of the student body regardless of classification, who show an interest in journalism.

The Annual

The Rhododendron is the college annual, which is compiled during the school year and distributed to the students in the final weeks of the spring quarter. The editor and business manager are elected each year from the rising senior class by its members. Other staff members are selected from the student body by the editor and business manager.

The Student Handbook

The Student Handbook is an annual publication sponsored by the Student Council and published by the college. This handbook contains the organization and plans of the Student Council and a fund of information of interest to the student body.

COLLEGE ORGANIZATIONS AND ACTIVITIES

Governmental Organizations

Student Council
 School Council
 Woman's House Councils
 Men's House Councils
 Chi Lambda Chi

Music Organizations

Band
 A cappella choir
 Symphony Orchestra
 Octet

Public Relations

Forensic Club
 Pi Kappa Delta
 Future Teachers of America
 International Relations Club
 Playcrafters
 Alpha Psi Omega
 Pep Club
 Cheerleaders
 Men's Collegiate Club

Intramural Athletics

Archery
 Badminton
 Basketball
 Deck Tennis
 Handball
 Horseshoes
 Paddle Tennis
 Ping-pong
 Shuffleboard
 Soccer
 Softball
 Spot Archery
 Swimming
 Tag Football
 Track and Field

Tumbling
 Volleyball
 Wrestling

Religious Activities

Denominational organizations
 Young Men's Christian Association
 Young Women's Christian Association
 Religious Council

Student Publications

The Appalachian
The Rhododendron
The Student Handbook

Intercollegiate Activities

Baseball
 Basketball
 Football
 Tennis
 Golf

Literary Societies

Vernician

Departmental Clubs

Men's A Club
 Women's A Club
 Business Club
 Library Science Club
 Home Economics Club
 Mathematics Club
 Modern Dance Club
 Association of Childhood Education
 Science Club
 Flying Fish
 Physical Education Major Club
 Music Major Club
 Varsouviana Club
 Women's Athletic Association

Members of the student council, class and club officers, nominees for class or campus honors, athletic managers, members of the publications staffs, participants in public programs, cheerleaders, debaters, and any person, other than athletic teams, representing the college off campus, must be selected from those students who average "C" or better and have a good reputation on the campus.

GENERAL REGULATIONS

ADMISSION

The first step in gaining admission to the college is to secure an Application Blank and a Medical Examination Blank from the Registrar. The applicant will return these blanks to the Registrar as soon as they have been properly completed. If the applicant is asking for admission on the basis of high school graduation, the Registrar will undertake to secure the high school record.

If the applicant wishes to transfer from some other college, he should have a complete transcript sent to the Registrar's Office at the time he sends his application. After the transcript is received the applicant will be notified of his acceptance or rejection.

Approved applicants will be notified of the time when they should report at the college. If the applicant is accepted and if he desires to room in a dormitory, he should send the reservation fee of twenty dollars to the Business Office. Rooms will be assigned in the order in which the reservations are received.

Basis for Admission:

1. Graduates of any North Carolina high school listed as standard will be admitted upon recommendation of the Principal.
2. Graduates of non-standard North Carolina high schools must present a transcript showing at least sixteen standard units, and must pass the college entrance examination.
3. Students from other colleges or universities of recognized standing will be admitted upon presentation of a certificate of honorable dismissal and an official transcript of credit both high school and college, provided the scholastic work at such college or university shows an average grade of "C" on all work attempted. The student will not be required to repeat work which parallels courses offered here. Credit will be accepted with courtesies common among colleges. No credit from other institutions is accepted unless such work is counted toward a degree at the institution where the work was done. Transfer students are required to take at least three three-hour courses or nine quarter hours in each field in which he plans to graduate and qualify for certification.
4. Graduates of standard high schools in other states who rank above the lowest quarter of their graduating classes will be admitted on satisfactory recommendation from their high school principals.

5. Every applicant for admission to the Appalachian State Teachers College should be in good health and possess a sound body. It is not recommended that students enter here suffering from any of the following: valvular heart disease, tuberculosis in any form, epilepsy, or any crippling. Blind persons and persons with a visual handicap which would affect teaching capacity may be approved for only two years.
6. No student will be accepted who has not reached his 16th birthday at the time of registration.

Korean Veterans

Korean veterans must arrange eligibility for benefits prior to registration for college work. The Veterans Administration pays established rates to each trainee and he in turn pays the college for all expenses incurred.

SCHOLARSHIP

Grading System:

The standing of a student in any course is indicated by letters, as follows:

A—Excellent	F—Failure
B—Good	I—Incomplete
C—Average	X—Condition
D—Passing	W—Withdrawn
Dr—Class Dropped	

A report of "Dropped" indicates that the student secured official permission to drop the course.

A report of "Incomplete" means that the student's grade is withheld pending the completion of some required work missed because of sickness or other unavoidable cause.

A report of "Condition" means that the student's grade is withheld pending the completion of some required work in which he is delinquent by his own choice.

A report of "Withdrawn" means that the student has been permitted to drop out of the college.

Quality rating:

Closely connected with the grading system is quality rating.

Grade points are given as follows:

For grade A, four points per quarter hour

For grade B, three points per quarter hour

For grade C, two points per quarter hour

For grade D, one point per quarter hour

For grade F, I, and X, no points per quarter hour

Quality ratings are determined by dividing the total number of grade points by the number of hours attempted. These ratings are expressed in percentages. A rating of 200 per cent indicates that the student has an average of "C"; above 200 per cent indicates that he has an average above "C"; below 200 per cent indicates that he has an average below "C".

Honors:

In order to be graduated a student must have twice as many grade points as hours. If he has three times as many grade points as hours he will be graduated Cum Laude. If he has three and one-half times as many grade points as hours, and no grade below "C", he will be graduated Magna Cum Laude.

Honor Roll:

This roll is made up after the close of each quarter of the regular year. It is composed of those students who make an average grade of "B" with no grades below "C". No one will be placed on the roll who has "Incompletes" or "Conditions."

Class Attendance:

1. A student is expected to attend every meeting of his classes.
2. For the second and each additional unexcused class absence, one quality point will be deducted. If, for any reason, a student is absent from twenty per cent of his class meetings, he will automatically receive a grade of "F." Under certain circumstances, such as continued illness, he may appeal to the Executive Committee for the privilege of making up the work missed and receiving credit on the course. Penalties for unexcused absences and the provision for automatic failure do not apply to upperclassmen with a quality point rating of 300 or above.
3. Excuses will be granted for the following reasons only:
 - College-sponsored activities
 - Illness (certified by physician or college nurse)
 - Death or extreme hardship in immediate family
(at the discretion of the Dean)
4. Unexcused absences from the last class meeting before or the first class meeting after a College holiday will count as double absences.
5. Students registering late will be counted as absent from previous class meetings, unless they are granted special permission to make up the work missed.
6. Unexcused absences from final examinations will result in failure in the work involved.

7. Instructors will report all excused and unexcused absences for each student to the Registrar at the end of each quarter.
8. Excuses for absences will be valid only when signed by the Dean.

Change of Schedule or Courses:

All schedules of work must be approved by the Registrar. After the schedule has been approved, the student may not drop any class or enter a new course without permission from the Dean of the College, who will not consider such application more than six weeks after registration.

Failures, Incompletes, and Conditions:

Any student who has failed a course will be expected to remove the failure by repeating the course at the first opportunity. No failure may be made up by taking the course at another institution without first obtaining the approval of the Registrar.

The teacher may set a time for the removal of "Incompletes" and "Conditions" provided the work is done within three residence quarters. Such grades will become failures if the work has not been made up at the end of that period.

It is permissible for a student to repeat a course in order to raise his grade. The last grade earned will be placed on the permanent record.

No grade except an "Incomplete" or a "Condition" may be changed without repeating the course.

Several factors determine the amount of work students may carry during any quarter. A maximum load of 18 class hours per week may be carried.

No student with a quality rating below 165, and in attendance for as many as three quarters and less than seven quarters, will be allowed to reregister during the regular year; and no student with a quality point rating of below 200, and in attendance as many as six quarters, will be allowed to reregister during the regular year. Should the student's rating drop during any quarter, one quarter will, with special permission from the Dean of the College, usually be allowed for making up the deficiency.

Unless a student passes twelve quarter hours of work in any quarter he is not eligible to register for the following quarter without special permission from the Executive Committee.

CLASSIFICATION

The following principles will be observed in the classification of students:

A FRESHMAN:

1. Will have met all the requirements for entrance: Application for Admission, Certificate of Recommendation, and Freshman tests.

A SOPHOMORE:

1. Will have been in attendance as much as three quarters.
2. Will have completed at least fifteen hours for each quarter in attendance.
3. Will have quality rating of 165 per cent or more.
4. Will maintain a quality rating of 165 percent for each quarter or be ineligible to reregister.

A JUNIOR:

1. Will have been in attendance as much as six quarters.
2. Will have completed at least fifteen hours for each quarter in attendance.
3. Will lack not more than six quarter hours on the Freshman and Sophomore levels in his curriculum.
4. Will have a quality rating of 200 per cent or more.
5. Will have a quality rating of 200 per cent during each quarter or be ineligible to reregister without special permission from the Executive Committee.

A SENIOR:

1. Will have been in attendance as much as nine quarters.
2. Will have completed as much as 145 quarter hours.
3. Will have completed all Freshman and Sophomore courses in his curriculum.
4. Will have a quality rating of 200 per cent or more.
5. Will have a quality rating of 200 per cent during each quarter or be ineligible to reregister without special permission from the Executive Committee.

A SPECIAL STUDENT:

1. Will present a State Certificate to teach issued by any State, a statement of high school graduation, or a transcript of record from another college, and be approved by Admissions Committee.

2. May elect with the approval of the Registrar and Dean, his own program of studies, provided he observes prerequisite requirements.
3. May not register for more than six quarters without asking for classification in some curriculum leading to the degree.
4. Will otherwise be subject to college regulations, including assembly attendance.

TRANSCRIPTS

The college will furnish to the student, free of charge, three copies of his scholastic record including the one sent to the State Department of Education at Raleigh.

Additional copies of the student's record will cost \$1.00 each.

REQUIREMENTS FOR DEGREE

The Bachelor of Science degree is conferred by the college when the student has shown satisfactory development in the following:

1. Academic training
2. The science and the art of teaching
3. The science and the art of behavior
4. Possession of a pleasing and attractive personality
5. Exercise of good judgement.

Attendance for four scholastic years or the equivalent thereof is required for graduation. Exception will be made in this requirement if the student has a quality rating of 250 per cent or more. At least one year of attendance must be at Appalachian, and one quarter of this year should be completed during the regular session—September to May—provided that in-service teachers may meet residence requirements by summer attendance, provided further that arrangements are made before the beginning of the last three quarters. The last quarter in residence must be at Appalachian.

The College reserves to itself the right to refuse graduation to any one whom it deems unworthy of the diploma of the institution, or unsuitable to be a teacher in the public schools. Admission to college does not carry with it admission for graduation.

The number of quarter hours required for the degree is 198.

The quality rating of the student's entire record must be at least 200 per cent, provided he averages at least 200 per cent on his major and methods courses.

Graduation in eleven quarters will be permitted, provided, the student has met degree requirements and has a quality point rating of at least 300 per cent.

Graduation in eleven and one-half quarters will be permitted, provided, the student has met degree requirements and has a quality point rating of at least 250 per cent.

Not more than 45 quarter hours of correspondence and extension work may be credited toward meeting the requirements for the degree.

To be eligible for the degree the student must have met the North Carolina certification requirements in his chosen field.

Degrees are conferred twice each year: at the close of the spring quarter and at the close of the summer quarter. Candidates for degrees are expected to file formal application for degrees on blanks provided by the Registrar on registration day of the last quarter in residence. At the time of filing the applications all requirements except current work should be completed.

All candidates for degrees at any commencement are expected to be present to receive their degrees in person unless excused by the President of the college.

NATIONAL TEACHER EXAMINATION

Beginning with the 1950-51 session all candidates for the Bachelor of Science degree are required to take the National Teacher Examination. Only the Common Examination will be required of all graduates. Certain candidates are required to take the Optional Examinations in their fields. The fees charged will be those advertised by the Educational Testing Service, Princeton, New Jersey.

THE PLACEMENT BUREAU

The Appointment Committee and the Placement Bureau will make every reasonable effort to assist graduates in securing teaching positions. Two factors are always considered: the community to be served and the teacher to be placed.

The recommending of teachers is done after a study of the records on file in the placement office. These records cover the reported activities of the student in all phases of his college life. Evaluations of the teacher's fitness by the heads of his major department and by his critic teachers are included. If the examination of this information does not point toward successful work in the position being considered, the teacher will not be recommended.

THE LABORATORY SCHOOLS

The laboratory schools, both elementary and high school, are under the general control of the Director. They are housed in separate buildings on the campus.

The elementary school has an enrollment of six hundred twenty-five children. The faculty is composed of twenty-two supervising and demonstration teachers and is supervised by the principal. The building is especially constructed to facilitate professional laboratory experiences. In addition to the usual equipment, there are visual education facilities and a children's library of approximately five thousand books.

The secondary school has an enrollment of five hundred eight children. The faculty is composed of twenty-three supervising and demonstration teachers and is supervised by a principal. This school is also used to provide professional laboratory experiences. The equipment of the school includes an auditorium, gymnasium, agricultural shop, and a library of over two thousand volumes.

READING CENTER

The college operates a reading center on the third floor of the Education Building for persons who need and are interested in diagnostic and remedial help. These services are available at all levels—elementary, secondary, and college. The center also serves as a laboratory for college students where they can observe and get experience in working with students who need help in reading. Persons interested in the services or more information concerning the center should write: Director, Reading Center, Appalachian State Teachers College, Boone, North Carolina.

STUDENT TEACHING

During the fall, winter, or spring term of the senior year each student is expected to do student teaching in the field for which he has been preparing. This work will consist of full-time teaching under the guidance of a competent and experienced teacher. The student will spend full time in the school where he does his student teaching and his formal teaching load will be gradually increased until he has an opportunity to carry from one-half to all of the teaching load of his supervising teacher. The student teaching course will give the student professional laboratory experiences in the same activities in which the regular teacher engages. Thus in addition to the regular classroom teaching activities the student will experience and share in the extra-curricular activities of the school, community activities, professional activities such as faculty meetings, routine activities, such as making reports, and meeting and working with parents.

Student teaching will be done either in the laboratory schools of Appalachian State Teachers College or in approved off-campus schools. The assignment of a student to a particular school or

laboratory situation will be based upon the needs, interests, and abilities of the individual student, and the characteristics of the particular school.

Student teacher assignments in off-campus schools will conform to the local schedule with reference to the Thanksgiving, Christmas, and Easter holidays. Student teachers who will graduate at the end of their student teaching experience will be given one day off during the quarter to complete arrangements for graduation at the college. Graduating seniors assigned to student teaching in the spring quarter will be released on the Tuesday preceding the annual spring closing.

Conditions Prerequisite to Student Teaching

Students who are trying to graduate in three calendar years and who need to do student teaching in the fall quarter may register for the work in the ninth quarter. Other students must have full senior classification.

Each applicant must have a "C" average on all subjects and a "C" average on all subjects in his major field.

Each applicant shall have completed the following professional work: Education 331, 332, 333, and Psychology 302, 303, and 304. Those planning to teach in elementary schools should have both methods courses; those planning high school teaching should have at least one methods course completed.

Each applicant shall have completed at least two-thirds of all content work, including all freshman and sophomore courses.

Each applicant shall have removed all "Incompletes," "Conditions," and "Failures" on required subjects.

Each applicant shall make application for student teaching in the spring preceding the school year in which he expects to graduate, and **BE ELIGIBLE FOR STUDENT TEACHING AT LEAST ONE QUARTER IN ADVANCE OF HIS ASSIGNMENT, AND MAINTAIN ELIGIBILITY DURING THAT QUARTER.**

At least two faculty ratings must be submitted for each candidate prior to student teaching assignment. These ratings will be secured by the office of Student Teaching from the heads of the departments of the student's fields of concentration. Students will not be assigned to student teaching duties in fields in which they are not recommended by the department head.

The Student Teaching Committee will not assign students who, in their judgement, will be ineffective as teachers because of physical, moral, or social characteristics. Each applicant shall be able to give full time for one quarter to student teaching. These regulations shall be in force for all students admitted to the college after September, 1948.

HONOR TEACHING AND SUBSTITUTE TEACHING

A student teacher who shows exceptional initiative, and scholarship, and who is exceptional as a teacher may be designated as an Honor Teacher. Student teachers so designated must be recommended by the supervising teacher, the principal, and the Director of Student Teaching and have a quality point rating of 300 or above. Each quarter arrangements will be made for a limited number to do Honor Teaching in the campus schools. This experience shall carry elective credit of four hours and will be entered on the transcript as Education 461. Those who do not have an opportunity to participate in Honor Teaching due to graduation or lack of facilities will be appropriately identified as Honor Teachers on their college records.

Those students recommended for Honor Teaching, but who have a quality point rating below 300, but more than 250 have the opportunity of registering for Education 460, Substitute Teaching, which carries three hours credit. Even though facilities are not available for all who are so designated, the honor will be entered on their official college records.

DEPARTMENT OF EXTENSION, FIELD SERVICES, AND RESEARCH

The college offers work to facilitate the in-service education of public school personnel. These classes or workshops are organized in off-campus centers each quarter at the request of teachers or administrators of local school systems. Usually one six-quarter-hour course or two three-quarter-hour courses are offered at each place and time. Persons interested in having the college offer extension work in their area should write to the Director of the department.

COURSES OF STUDY

The college offers curricula leading to the Bachelor of Science degree in the following fields:

1. Primary Education
2. Primary Education and Library Science
3. Grammar Grade Education
4. Grammar Grade Education and Library Science
5. High School Education in any combination of the following fields:

Business Education	Physical Education
English	Science
Library Science	Social Studies
Mathematics	
6. Home Economics
7. Industrial Arts
8. Music

* Single preparation is available in any of these fields except Physical Education.

UNIFORM CURRICULUM FOR FRESHMAN YEAR, EXCEPTING MUSIC MAJORS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman English 101 History 104 Science* Mathematics 101 or 104 Physical Education 101 or 151**, 154*** Psychology 108 Elective****	Freshman English 102 History 105 Science* Mathematics 102 or 105 Physical Education 102 or 152**, 155*** Psychology 108 Elective****	Freshman English 103 History 106 Science* Mathematics 103 or 106 Physical Education 103 or 153**, 156*** Psychology 108 Elective****

*This may be Biology, Chemistry, or General Science

**For Men

***For Women

****Electives:

French 101, 102, 103
 French 104, 105, 106
 Spanish 101, 102, 103
 Spanish 104, 105, 106
 One year additional science
 Industrial Arts 101, 102, 103
 Health Education 110, 115, 123
 Geography 101, 102, 103
 Business Education 101, 102, 103 or
 Business Education 102, 103, 121
 Home Economics 151, 104, 105

REQUIRED SUBJECTS FOR THOSE PREPARING TO TEACH ELEMENTARY EDUCATION

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 English 251 Art 201 Health Education 207 Geography 101* Physical Education 204 Psychology 208	Sophomore English 205 History 202 Government 201 Art 202 Speech 215 Geography 102* Physical Education 205 Psychology 208	Sophomore English 206 History 203 Psychology 201 Art 203 Geography 103* Physical Education 206 Psychology 208
Junior Education 331 Psychology 302 Physical Education 216 Physical Education 218 Music 301 Library Science 315 Psychology 308	Junior Education 332 Psychology 303 English 350 Library Science 311 Music 302 Psychology 308	Junior Education 333 Psychology 304 History 318 Business Education 300** Music 303 Art 308 Psychology 308
Senior Education 401*** or 413***** Education 405*** or 406***** Health Education 413 Psychology 408	Senior Writing 301 or 403 Science 450 Music 408 Psychology 408	Senior Education 414

*Unless chosen as an elective during the freshman year.

**Or proficiency by previous training.

***Students preparing to teach primary grades (1-3) will take Education 401 and 405.

****Students preparing to teach grammar grades (4-8) will take Education 406 and 413. At least 198 hours required for the degree. Completion of the National Teacher Examination, Common, is required.

**CORE SUBJECTS FOR THOSE PREPARING FOR HIGH SCHOOL TEACHING: ENGLISH, MATHEMATICS,
PHYSICAL EDUCATION, SCIENCE, AND SOCIAL STUDIES**

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Physical Education 204* Psychology 208 Majors and Electives	Sophomore English 205 History 202 Physical Education 205* Psychology 208 Majors and Electives Psychology 201	Sophomore English 206 History 203 Physical Education 206* Psychology 208 Majors and Electives Health Education 207
Junior Psychology 308 Majors and Electives Education 331 Psychology 302 English 350	Junior Psychology 308 Majors and Electives Education 332 Psychology 303	Junior Psychology 308 Majors and Electives Education 335 Psychology 304
Senior Majors and Electives Psychology 408	Senior Majors and Electives Psychology 408	Senior Education 415

*Excepting Physical Education majors who will take 261, 262, 263 for men and 264, 265, 266 for women.
 At least 198 hours required for the degree for high school teachers.
 Completion of the National Teacher Examination is required.
 Pass a proficiency test given by Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

Additional Courses Necessary for Graduation and Certification in the Various Fields of High School Teaching

ENGLISH

One or two years of a modern language.

Education 425.

English 251, 307, 308, 309, 311, 417b, 417c, 450.

History 301.

Speech 215, 310.

English optional examination of the National Teacher Examination.

MATHEMATICS

Education 420.

Mathematics 104, 105, 106, 207, 208, 209, 225, 310, 311, 312, and three hours mathematics elective.

Mathematics optional examination of the National Teacher Examination.

PHYSICAL EDUCATION

Education 428.

Health Education 110, 115, 123, 413.

Physical Education 211, 212, 216, 218, 220, 314, 353, 408, 426, 437MW, 443, 488.

For Men: Physical Education 431M, 434M, and at least three of the following:

Physical Education 240M, 325, 329M, 427, 444M, 445M. Activity courses 151, 152M, 153M, 254, 255, 256, 357M, 358M, 359M.

For Women: Physical Education 240W, 325, 330W, 422W, 427. Activity courses

151, 152W, 153W, 254, 255, 256, 367W, 368, 369.

Physical Education optional examination of the National Teacher Examination.

SCIENCE

Education 423.

Chemistry 101, 102, 103.

Mathematics 104, 105, 106.

Geography 311, 312.

Physics 301, 302, 303.

Three additional hours from biology, chemistry, or physics.

Science optional examination of the National Teacher Examination (one).

SOCIAL STUDIES

Education 424.

Economics 201, 210.

Government 201, and 3 hours.

History 409, 421.

Sociology 3 hours.

Geography 102.

History 315, 3 hours.

History 318.

Social Studies optional examination of the National Teacher Examination.

BUSINESS EDUCATION

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore Business Education 101* Business Education 121 History 201 Business Education 204* English 204 Business Education 210 Physical Education 204 Psychology 208	Sophomore Business Education 102 Health Education 207 History 202 Business Education 205 English 205 Business Education 211 Physical Education 205 Psychology 208	Sophomore Business Education 103 Psychology 201 History 203 Business Education 206 English 206 Business Education 212 Physical Education 206 Psychology 208
Junior Psychology 302 Education 331 Economics 201 Business Education 316 Business Education 322 Psychology 308	Junior Psychology 303 Education 332 Economics 210 Business Education 317 Business Education 323 Psychology 308	Junior Psychology 304 Education 333 Economics 211 Education 470 or Economics Elective English 350 Psychology 308
Senior Education 470 or Economics Elective Business Education 427 Business Education 424 Business Education 309 Economics 312 Psychology 408	Senior Business Education 421 Business Education 429 Business Education 423 Business Education 308 Economics Elective Psychology 408	Senior Education 415

At least 198 hours are required for graduation. Completion of National Teacher Examination with Business Education optional is required. Education 415, Student Teaching, is required during the senior year. Education 470 must be taken before Student Teaching. Graduates in this field may obtain Social Studies Certification by adding three hours of geography, six hours of government, and three hours of sociology.

*Students who have completed successfully one half unit on secondary school level or its equivalent will be required to begin second course listed. Business Education students are required to pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

ENGLISH

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 English 251 Physical Education 204 Psychology 208 * Foreign Language Psychology 201	Sophomore English 205 History 202 Speech 215 Physical Education 205 Psychology 208 Foreign Language	Sophomore English 206 History 203 Health Education 207 Physical Education 206 Psychology 208 Foreign Language
Junior English 307 English 311a or 311b Education 331 Psychology 302 Psychology 308	Junior English 308 Speech 310 Education 332 Psychology 303 Psychology 308	Junior English 309 History 301 Education 333 Psychology 304 Psychology 308
Senior English 450 English 417b Education 425 Psychology 408	Senior English 417c Psychology 408	Senior Education 415

*For those taking language two years.
 Eighteen hours in English and related fields in addition to the required courses listed above. Students may elect nine of these hours from the following: Art 308, Music 408, Library Science 415b, Bible 301, and Speech 430.
 At least 198 hours are required for graduation.
 Completion of the National Teacher Examination is required, Common and English Optional.

FOREIGN LANGUAGE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Psychology 201 Physical Education 204 Foreign Language Psychology 208	Sophomore English 205 History 202 Speech 215 Physical Education 205 Foreign Language Psychology 208	Sophomore English 206 History 203 Health Education 207 Physical Education 206 Foreign Language Psychology 208
Junior Education 331 Psychology 302 History 301 Foreign Language Psychology 308	Junior Education 332 Psychology 303 Speech 310 Foreign Language Psychology 308	Junior Education 333 Psychology 304 English 450 Foreign Language Psychology 308
Senior Education 426 Foreign Language Psychology 408	Senior Education 415	Senior Foreign Language Foreign Language Psychology 408

Entrance requirement for this curriculum: Two units of French or Spanish in high school.
 At least 198 hours required for graduation.
 Completion of National Teacher Examination is required.

HOME ECONOMICS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Chemistry 101 Home Economics 101 Home Economics 206 Physical Education 204 Psychology 201 Psychology 208	Sophomore English 205 History 202 Chemistry 102 Home Economics 102 Home Economics 208 Physical Education 205 Art 213 Psychology 208	Sophomore English 206 History 203 Chemistry 103 Home Economics 103 Biology 206 Physical Education 206 Art 214 Psychology 208
Junior Psychology 302 Education 331 Home Economics 318 Home Economics 212 Chemistry 204a Economics 201 Psychology 308	Junior Psychology 303 Education 332 Home Economics 311 English 350 Chemistry 205b Physics 312 Psychology 308	Junior Psychology 304 Education 333 Home Economics 313 Sociology 403 Chemistry 206c Education 427 Psychology 308
Senior Psychology 408	Senior Psychology 408	Senior Psychology 408

During the senior year Home Economics 441 and 442 must be completed; Education 415 must be done; and the National Teacher Examination must be taken.

Other required courses are Home Economics 340 and 482. Enough work must be done to make a total of 198 quarter hours. Home Economics students are required to pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

INDUSTRIAL ARTS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Physical Education 204 Psychology 208 Industrial Arts 201 Industrial Arts 204 Health Education 207	Sophomore English 205 History 202 Physical Education 205 Psychology 208 Industrial Arts 202 Industrial Arts 205 Psychology 201	Sophomore English 206 History 203 Physical Education 206 Psychology 208 Industrial Arts 203 Industrial Arts 206 Industrial Arts 207
Junior Education 331 Psychology 302 Psychology 308 Industrial Arts 301 Industrial Arts 304 English 350	Junior Education 332 Psychology 303 Psychology 308 Industrial Arts 302 Industrial Arts 305 Industrial Arts 307	Junior Education 333 Psychology 304 Psychology 308 Industrial Arts 303 Industrial Arts 306 Industrial Arts 308
Senior Psychology 408 Education 431 Physics 301*	Senior Education 415	Senior Psychology 408 Industrial Arts 401 or 402 Industrial Arts 403

Additional industrial arts elective to make a total of 72 quarter hours in industrial arts.

At least 198 quarter hours must be completed for the degree.

Any student who has not had one and one-half units of algebra and one unit of plane geometry in high school should take Mathematics 101, 102, and 103 before taking Mathematics 104.

*Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

This requirement does not apply to students taking 18 hours of mathematics.

Completion of the National Teacher Examination is required.

LIBRARY SCIENCE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Physical Education 204 Psychology 208 Business Education 101* Psychology 201 Library Science 200a	Sophomore English 205 History 202 Physical Education 205 Psychology 208 Business Education 102* Health Education 207 Library Science 200b	Sophomore English 206 History 205 Physical Education 206 Psychology 208 Business Education 103* Speech 215 Library Science 200c
Junior Psychology 308 Psychology 302 Education 331 Library Science 301 Library Science 315 English 311a English 350	Junior Psychology 308 Psychology 303 Education 332 Library Science 302 Library Science 316 English 308	Junior Psychology 308 Psychology 304 Education 333 Library Science 312 Library Science 317 English 309
Senior Psychology 408 Library Science 407, 409, 414a, 415a	Senior Psychology 408 Library Science 408, 410, 413, 414b	Senior Education 415

At least 198 quarter hours must be completed for the degree. Completion of National Teacher Examination is required.

If the student shows sufficient skill in typewriting, some other subject may be taken.

Students who desire to certify to teach in some other field should not expect to complete degree requirements in the regular four-year period.

Electives should be chosen from four of the following areas: Art 201, 308; Bible 301; Biology 407; Education 494, 497; English 210, 325; Geography 308, 309, 310; Government 201; History 315; Home Economics 311; Music 408; Sociology 301, 403; Speech 310.

MATHEMATICS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Physical Education 204 Psychology 208 Mathematics 209 Psychology 201	Sophomore English 205 History 202 Physical Education 205 Psychology 208 Mathematics 207 Health Education 207 Mathematics 225	Sophomore English 206 History 203 Physical Education 206 Psychology 208 Mathematics 208
Junior Psychology 308 Mathematics 310 Physics 301 Education 331 Psychology 302	Junior Psychology 308 Mathematics 311 Physics 302 Education 332 Psychology 303 English 350	Junior Psychology 308 Mathematics 312 Physics 303 Education 333 Psychology 304
Senior Psychology 408 Education 420	Senior Psychology 408	Senior Education 415

Additional mathematics elective to make a total of 46 hours in mathematics.
 At least 198 quarter hours must be completed for the degree. Completion of National Teacher Examination is required, Common and Mathematics Optional.
 Any student who has not had one and one-half units of algebra and one unit of plane geometry in high school should take Mathematics 101, 102, and 103 before taking Mathematics 104.
 Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

SCIENCE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Physical Education 204 Psychology 208 Chemistry 101 Biology or Chemistry Health Education 207	Sophomore English 205 History 202 Physical Education 205 Psychology 208 Chemistry 102 Biology or Chemistry	Sophomore English 206 History 203 Physical Education 206 Psychology 208 Chemistry 103 Biology or Chemistry Psychology 201
Junior Psychology 308 Psychology 302 Education 331 Physics 301 Biology or Chemistry English 350	Junior Psychology 308 Psychology 303 Education 332 Physics 302 Geography 311 Biology or Chemistry	Junior Psychology 308 Psychology 304 Education 333 Physics 303 Geography 312 Biology or Chemistry Education 423
Senior Psychology 408	Senior Psychology 408	Senior Education 415

At least 198 quarter hours must be completed for the degree. Completion of the National Teacher Examination is required, Common and Science Optional.
 Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.
 Any student deficient in high school mathematics credits should take Mathematics 101, 102, and 103 before taking Mathematics 104.
 Additional science elective to make a total of 60 hours in science.

SOCIAL STUDIES

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 204 History 201 Government 201 Health Education 207 Geography 102 Physical Education 204 Psychology 208	Sophomore English 205 History 202 Economics 201 Psychology 201 Physical Education 205 Psychology 208	Sophomore English 206 History 203 Economics 210 Sociology 301 Speech 310 Physical Education 206 Psychology 208
Junior English 350 English 307 History 315 Education 331 Psychology 302 Geography 308 Psychology 308	Junior History 318 English 308 History 315 Education 332 Psychology 303 Government 303 Psychology 308	Junior History 301 English 309 History 315 Education 333 Psychology 304 Psychology 308
Senior History 421 Education 424 Psychology 408	Senior History 409 Psychology 408	Senior Education 415

Twelve hours of Social Studies Electives and sufficient free elective to make 198 hours to be taken during senior year. A total of 66 quarter hours in Social Studies required for this curriculum.
 Social Studies electives may be selected from: Economics, Geography, History, Government, or Sociology.
 Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.
 Completion of the National Teacher Examination is required, Common and Social Studies Optional.

MUSIC EDUCATION, GENERAL

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman Music 104 Applied Music Major Applied Music Minor Music 125 English 101 History 104 Physical Education 101 Psychology 108	Freshman Music 105 Applied Music Major Applied Music Minor Music 126 English 102 History 105 Physical Education 102 Psychology 108	Freshman Music 106 Applied Music Major Applied Music Minor Music 127 English 103 History 106 Physical Education 103 Psychology 108
Sophomore Music 207 Applied Music Major Applied Music Minor Music 222 Psychology 201 English 204 History 201 Physical Education 204 Psychology 208	Sophomore Music 208 Applied Music Major Applied Music Minor Music 223 Education 221 English 205 History 202 Physical Education 205 Psychology 208	Sophomore Music 209 Applied Music Major Applied Music Minor Music 224 Education 222 English 206 History 203 Physical Education 206 Psychology 208
Junior Health Education 207 Applied Music Major Applied Music Minor Music 323 Music 319 Education 322 Education 331 Psychology 302 Psychology 308	Junior Applied Music Major Applied Music Minor Music 324 Music 320 Education 323 Education 332 Psychology 303 Psychology 308 English 330	Junior Applied Music Major Applied Music Minor Music 325 Music 321 Music 336 Music 334 or 335** Education 333 Psychology 304 Psychology 308
Senior Applied Music Major* Applied Music Minor* Music 328** Music 430** Music 334 or 335** Music 436* Psychology 408 Education 415*	Senior Education 415*	Senior Applied Music Major* Applied Music Minor* Electives Psychology 408 Education 415*

At least 198 quarter hours are required for graduation. Completion of National Teacher Examination is required.

*These courses are offered every quarter.

**These courses are offered two quarters.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

MUSIC EDUCATION, INSTRUMENTAL

APPALACHIAN STATE TEACHERS COLLEGE

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FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman Music 104 Major Instrument Piano Music 125 English 101 History 104 Physical Education 101 Psychology 108	Freshman Music 105 Major Instrument Piano Music 126 English 102 History 105 Physical Education 102 Psychology 108	Freshman Music 106 Major Instrument Piano Music 127 English 103 History 106 Physical Education 103 Psychology 108 Health Education 207
Sophomore Music 207 Major Instrument Music 222 Piano Psychology 201 English 204 History 201 Physical Education 204 Psychology 208	Sophomore Music 208 Major Instrument Music 223 Piano Education 221 English 205 Music 326 History 202 Physical Education 205 Psychology 208	Sophomore Music 209 Major Instrument Music 224 Piano Education 222 English 206 Music 327 History 203 Physical Education 206 Psychology 208
Junior Major Instrument Minor Instrument Music 323 Music 319 Education 322 Education 331 Psychology 302 Psychology 308 Music 328	Junior Major Instrument Minor Instrument Music 324 Music 320 Education 323 Education 332 Psychology 303 Psychology 308 English 350	Junior Major Instrument Minor Instrument Music 325 Music 321 Music 336 Music 334 or 335** Education 333 Psychology 304 Psychology 308
Senior Major Instrument* Minor Instrument* Education 429 Music 430** Music 334 or 335** Music 436** Music 432** Psychology 408	Senior Major Instrument* Minor Instrument* Music 434** Electives Psychology 408 Education 415*	Senior Education 415*

*At least 198 quarter hours are required for graduation. Completion of National Teacher Examination is required.

**These courses are offered every quarter.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

PRIVATE PIANO TEACHERS' CURRICULUM

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman Piano Applied Minor Music 104 English 101 History 104 Physical Education 101 Psychology 108	Freshman Piano Applied Minor Music 105 English 102 History 105 Physical Education 102 Psychology 108	Freshman Piano Applied Minor Music 106 English 103 History 106 Physical Education 103 Psychology 108
Sophomore Piano Applied Minor Piano Ensemble Music 207 English 204 Psychology 201 Physical Education 204 Psychology 208	Sophomore Piano Applied Minor Piano Ensemble Music 208 English 205 Health Education 207 Physical Education 205 Psychology 208	Sophomore Piano Applied Minor Piano Ensemble Music 209 English 206 Elective Physical Education 206 Psychology 208
Junior Piano Piano Ensemble Music 319 Psychology 302 Education 324 Education 331 Elective Psychology 308	Junior Piano Piano Ensemble Music 320 Psychology 303 Education 325 Education 332 English 350 Psychology 308	Junior Piano Piano Ensemble Music 321 Psychology 304 Education 326 Education 333 Elective Psychology 308
Senior Piano Piano Ensemble Music 334 Music 430* Music 436 Elective Psychology 408	Senior Education 415	Senior Piano Piano Ensemble Music 336 Music 438 Elective Psychology 408

Required Piano—44 quarter hours.

Required secondary music experience—16 quarter hours.

A total of 198 hours required for the degree. This is a terminal degree and does not carry certification to teach.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 215 in order to be clear for student teaching.

*This course is offered two quarters.

GRADUATE DIVISION

History

Graduate study leading to the Master's degree was first offered at Appalachian State Teachers College during the summer quarter of 1942. During that summer fifty-one students enrolled in the graduate division. Each succeeding summer has seen an increased enrollment over the preceding summer. The work offered during the summer quarters 1942-47 was on a cooperative basis with the University of North Carolina, with that institution giving full credit toward the Master's degree. Beginning with the summer quarter of 1948, Appalachian State Teachers College has accepted qualified students as candidates for the Master of Arts degree in Education, the degree to be granted by this institution. The college was approved as a graduate school by the American Association of Colleges for Teacher Education on February 26, 1949.

Aim of the Graduate Division

The sole aim of the graduate division is to add to the competency of teachers and other educational workers. The entire graduate program will be made as functional as possible in order to carry out this aim. Each course offered is justified in terms of the contribution which it makes toward a realization of the general aim of the program and the specific objectives of the individual student.

OBJECTIVES

I. Functional Approach

- A. To prepare master teachers in specific high school fields of concentration and for the elementary schools by:
 - 1. Broadening understanding of teaching field of study and relationships with allied fields.
 - 2. Deepening scholarship in teaching field.
 - 3. Gaining familiarity with sources of information in teaching field.
 - 4. Surveying history of and studying critically recent research in teaching and allied fields.
 - 5. Broadening and deepening the professional education of classroom teachers.
- B. To prepare school administrators and supervisors through:
 - 1. Comprehensive knowledge of the forces underlying public education in the past and the present, and competence in applying the knowledge to foresee future developments.

2. Intensive study of educational problems as they relate to administration or supervision of schools.
3. Development of competence in applying results of research to the solution of educational problems.
4. Mastery of knowledge and skills involved in administrative or supervisory activities.

II. Scientific Approach

- A. To cultivate in students and teachers the scientific approach to educational problems through:
 1. Clear, incisive thought and definition.
 2. Mastery of background information.
 3. Accumulation of significant data.
 4. Controlled experimentation.
 5. Exact statistical treatment of data.
 6. Application of logic to interpretation of results of experiments.
 7. Cautious conclusions and inferences.
- B. To promote mastery of tools for scientific study and reports of problems.
 1. Data-gathering devices such as surveys and experimentation.
 2. Methods for validating sources and procedures.
 3. Statistical treatment.
 4. Reporting results.
- C. To foster educational progress through scientific study of current educational problems.
 1. Improvement of public school organization, administration, curriculum, methods, and services in local communities and in broader areas.
 2. Improvement of teacher education in general and at Appalachian State Teachers College in particular.

Graduate Work at Appalachian

The graduate division of Appalachian State Teachers College is organized for the purpose of providing facilities for advanced study leading to the Master of Arts degree in Education. The work is offered during both terms of the summer session and the three quarters of the regular session. A maximum of nine quarter hours may be earned in a six-week summer session or fifteen quarter hours in a quarter in the regular session.

Admission to the Graduate Division

Admission to advanced study is determined by the following:

1. A baccalaureate degree from a college or university of recognized standing.

2. An undergraduate academic average of C+ or better. Students with a lower academic average may, with the permission of the Graduate Council, register for advanced work and upon the satisfactory completion of one quarter of work may make application for admission.

3. An application for admission made on a special form, obtainable on request, and submitted with a complete transcript of all previous college work, unless done at this institution, at least one month before the candidate plans to begin graduate study.

4. Two letters of recommendation one of which must be from a college administrator, or head of the department in the candidate's undergraduate field of study.

5. Freedom from serious physical, personality, and speech defects.

6. An undergraduate background appropriate for advanced work in the proposed area. If the student intends to become a candidate for the Master of Arts degree in Education, he must present a minimum of twenty-seven quarter hours (eighteen semester hours) of undergraduate credit in Education and related courses. For prerequisites in other academic areas, consult the chairman of graduate work in that area.

7. A record of successful teaching experience or satisfactory completion of student teaching.

8. A person must hold, or be eligible to hold, a North Carolina "A" teaching certificate in his chosen field or the comparable certificate in his home state.

9. Any candidate for a bachelor's degree, who lacks not more than twelve quarter hours of undergraduate work may take graduate courses to make a total of not more than fifteen quarter hours in a twelve-week term.

Admission to Candidacy for the Master's Degree

Admission to graduate study does not carry with it admission to candidacy for the Master's degree. Admission to candidacy for the degree is acted upon after one quarter of graduate study in this institution. Admission to candidacy for the degree, Master of Arts in Education, is contingent further upon the recommendation of the student's advisory committee and the approval of the Graduate Council. Before being accepted finally as a candidate for the degree, a student will be expected to have:

1. Given evidence of personal and professional fitness to become a candidate for a professional degree in Education.
2. Attained a satisfactory level of competency through pre-service or in-service teaching experience.
3. Demonstrated ability to do satisfactory and creditable work at the graduate level.

Before filing an Application for Admission to Candidacy, students will be required to take certain general qualifying examinations. These examinations may be oral or written or both. Advisers may arrange with the Director of Graduate Study for the administration of any such special qualifying examinations.

Each student shall file with the Director of Graduate Study an Application for Admission to Candidacy before the end of the quarter in which he will complete twelve quarter hours of graduate credit at Appalachian State Teachers College. Blanks for this purpose may be obtained at the office of the Director of Graduate Study.

REGISTRATION

Graduate students register on the regular registration days at the beginning of each quarter and summer session. Registration dates are shown in the calendar. Initial registration is contingent upon the receipt and approval of transcripts of all work completed in other institutions. Transcripts of undergraduate and of graduate work done elsewhere should be sent to the office of the Director of Graduate Study well in advance of initial registration.

Program of Course Work

The degree of Master of Arts in Education may be conferred upon a student, who, having been accepted as a candidate for the degree, completes with high credit the program of work which accompanied his Application for Admission to Candidacy. This program shall include a minimum of forty-five quarter hours of advanced work, inclusive of course work and individual problems, so planned as to meet with the approval of the student's advisory committee and the Graduate Council. In addition to the thirty-nine quarter hours of regular course work, the student shall write a thesis in either his minor or his major field of interest. The thesis should show, among other characteristics:

- (a) Ability of the candidate to work independently on an approved problem;
- (b) A reasonably wide familiarity with the literature of the field of specialization;
- (c) A practical working knowledge of research methods;
- (d) Conclusions by supporting data.

The student must present his thesis at least three weeks before the degree is to be conferred. The thesis must be approved by the major and minor professors and by the Director of Graduate Study, and must conform to the regulations approved by the Graduate Council for writing theses. Four typewritten copies of the thesis,

the original and first three carbons, must be filed in the college library together with costs for having them bound, at least one week before the degree is conferred.

In the writing of the thesis, Campbell's *Form Book for Thesis Writing* (latest edition) is the approved guide for form. With the approval of the Director of Graduate Studies and the thesis committee, the form may be varied to meet the requirements of publishers if the manuscript is to be printed.

Four copies of the approval sheet must be prepared by the student. One copy is bound with each copy of the thesis.

Four copies of an abstract of the thesis of not more than two typewritten pages, giving the problem, the procedure, and the results must be filed with the thesis after the abstract has been approved by the chairman of the thesis committee.

Waiver of Thesis Requirement

Upon the recommendation of his advisory committee and approval of the Graduate Council, the thesis requirement may be waived, provided the student completes forty-two weeks in residence and a minimum of fifty-four quarter hours of credits.

Prerequisites

Students who intend to become candidates for the degree of Master of Arts in Education are required to present a minimum of twenty-seven quarter hours (18 semester hours) of undergraduate credit in Education and related courses. Graduate work in both education and academic courses presupposes certain undergraduate course prerequisites or an equivalent background acquired through experience.

Major and Minor Requirements

All students who expect to become candidates for the Master's degree will major in Education, Biology, Business Education, Counseling, English, Library Science, Mathematics, Music, Physical Education, or Social Studies. They may select their minors from Education, Biology, Business Education, Counseling, English, Library Science, Mathematics, Music, Physical Education, or Social Studies. A major will consist of twenty-seven quarter hours; a minor, eighteen hours in one subject field, except for Elementary majors who may take their minor from as many as four fields.

Minimum Residence

A residence of at least one academic year or its equivalent in summer sessions is required. The summer school equivalent is a

minimum of six terms of six weeks each. In order to establish six weeks residence in the summer term, a student must carry a minimum of six hours of graduate credit during the six week term. In order to establish 12 weeks of residence in the summer term, a student must carry a total of twelve quarter hours of graduate credit and register and be in attendance for both terms.

Time Limit

All work, to be acceptable for credit toward the requirements for the Master's degree, must have been completed within a period of six years preceding the date on which the degree is conferred.

Transfer Credit

Under certain circumstances a student who holds a Bachelor's degree from an approved college or university, and who has taken graduate work at some approved institution, may arrange to transfer as many as nine quarter hours of credit to be applied toward the requirements for the degree of Master of Arts in Education provided the work is graduate work done in residence. This transfer credit, however, will not reduce the minimum residence requirement.

Teaching Experience

Candidates for the Master's degree must have a minimum of one year of successful teaching experience, or a minimum of four and one-half quarter hours of satisfactory student teaching experience.

Course Grades and Credit

The college grading system—A, B, C, D, and Inc.—is used to report the quality of credit. The forty-five quarter hours of graduate credit accepted in fulfillment of the requirements for the Master's degree shall average not lower than "B" grade and no credit shall be granted for a grade below "C." Course work reported "Incomplete" must be completed within a year of the official ending of the course.

Degrees Not Conferred in Absentia

Candidates for the degree of Master of Arts in Education are required to be present at the commencement exercises in the prescribed academic costume. Exceptions to the regulation shall be granted only upon approval of the Director of Graduate Study and the President of the College.

Assistantships

Appalachian State Teachers College offers a number of Graduate Assistantships for the regular session and summer session. Stipends for Graduate Assistantships in the regular session are based upon the work load. Half-time Graduate Assistants will devote 24 hours per week to laboratory instruction or other service to the College. Third-time and quarter-time assistants give proportionately less time to their assistantships. Assistants receive an annual stipend of \$1200, \$900, \$600, and \$450 respectively and are permitted to carry a quarterly academic load of nine, twelve, and fifteen quarter hours depending upon the classification of the assistantship.

Among the departments in which assistants may work are Biology, Education, English, Library Science, Mathematics, Music, Physical Education, and Social Studies.

Any person interested in an assistantship should write the Director of Graduate Study for an application blank and return it properly filled out not later than July 1. Also, he should have sent to the Director of Graduate Study a complete transcript of his college work not later than July 1.

Assistantships in Junior College Teaching

Appalachian State Teachers College offers for the preparation of junior college teachers a two-year program that combines graduate study with supervised college teaching and leads to a Master of Arts Degree and one year of college teaching experience in any one of the following fields: Biology; Business Education; English; Health, Physical Education, and Recreation; Library Science; Mathematics; Music Education; and Social Studies.

The program is designed to give the prospective junior college teacher a solid preparation in his graduate major at the same time he is teaching freshman and sophomore courses in his major. His internship will be done on the Appalachian campus and under the supervision of an experienced and successful college teacher. His program will begin with a four-fifths load of graduate work and a one-fifth load of teaching and will end with a two-fifths load of graduate work and a three-fifths load of teaching.

An applicant for this program will be required to have at least an average of "B" on his undergraduate work. Teaching experience is desirable. A successful applicant will receive a stipend of \$3000 to be paid on the basis of \$1000 during the first year and \$2000 during the second year.

Persons wishing to apply for an assistantship in junior college teaching should write the Director of Graduate Study for an application blank and submit it properly filled out not later than

July 1. Also, they should have sent to the Director of Graduate Study complete transcripts of their college work not later than July 1.

Internship in Educational Administration

The following rules for eligibility have been set up and approved by the Committee for Internship in Educational Administration:

1. The holding of a valid North Carolina "A" certificate (or better).
2. Applicant must have successfully completed three or more years of teaching, one of which must have been done in the school wherein he is doing internship (or the school system in the case of an internship in supervision or the superintendency).
3. Applicant must have the recommendation of his principal and/or superintendent.
4. Applicant must have been admitted as a candidate for, or hold the master's degree.

The following administrative policy has been approved by the committee:

1. All applicants for internship must be working within a reasonable distance of Appalachian State Teachers College.
2. The number of participants in Education 548 is limited.
3. All interns must work under a fully certificated supervisor.
4. The supervisors must express a willingness to supervise the work and provide the experiences necessary for the intern.
5. No supervisor shall be an intern at the same time that he (she) is supervising the work of another intern.

Expenses

It is the purpose of this institution to hold expenses to the minimum. The actual charges for one quarter in the graduate school are as follows:

Registration for term of twelve weeks	\$15.00
Library Fee	3.00
Tuition for each quarter hour	3.00
Minimum charge for meals in cafeteria	75.00
Rooms (See page 29)	36.00 to 45.00
Laundry (Dormitory students only)	10.00
Student Activity and welfare	18.75
Special Examinations:	
Miller Analogy Test	2.00
National Teacher Examination	7.00
Graduate students will purchase their own books.	

Research Cost and Expense

(Graduate School Only)

Charges for research cost and expense are actual costs or expenses involved in the preparation of a required thesis or dissertation. All charges must be substantiated by invoices and/or itemized statements of expenses. Customary charges for typing the minimum required number of copies of a thesis follow:

1. Single spaced, 35c per page.
2. Double spaced, 30c per page.
3. Charts and graphs, \$1.00 per hour.
4. Unusually difficult copy containing quotations, foreign words, etc., 50c per page.

The Graduate Offering

Courses which have been approved for graduate credit by the Committee on the Graduate Offering and by the Graduate Council constitute the graduate offering. Descriptions of these courses will be found in the departmental offerings in this catalogue.

Courses open only to graduate students are numbered 500 and above. Candidates for the degree of Master of Arts in Education are required to present at least thirty quarter hours of credit in graduate courses numbered 500 and above. The remaining fifteen quarter hours may, with the approval of the Graduate Council, be selected from the senior-graduate courses numbered 400 and above.

Graduate Extension Centers and Saturday Classes

Based upon requests from the administration of school systems in northwestern North Carolina, the college offers in-service courses for teachers and other school personnel. These usually take the form of workshops which are given at a central place in the school unit which has requested the in-service training. Graduate students who attend these in-service training courses may take as much as nine quarter hours of graduate credit and count it toward the requirements for a Master's Degree. This type of work will not reduce the minimum residence requirements of 36 weeks, but can be used to replace the 6 weeks additional residence required of students who do not write a thesis. In addition to the in-service courses, Appalachian offers graduate work on campus on Saturday during the fall and spring quarters. By attending Saturday classes during any one quarter, graduate students may earn six hours of graduate credit. The cost for this type of credit will be the same as that of regular students in residence: Registration \$15.00, Library \$3.00, Tuition \$3.00 per quarter hour, Estimated supplies \$12.50.

Internship Program for Supervising Teachers

An internship is now available for qualified supervisors of student teachers. This program is available for those supervising teachers who have successfully supervised at least one student teacher during the past two years. The program is designed to allow teachers to participate while regularly employed in a school system, and earn three quarter hours of credit during the college quarter. Other details of this program may be secured from the office of student teaching.

Fields of Preparation

The work leading to the Master of Arts degree in Education is designed to prepare teachers for the following types of positions:

Superintendent
Principal
General Supervisor
Supervisor of Student Teaching
School Librarian
Secondary School Teacher
Elementary School Teacher
School Counselor
School Musician
Junior College Teacher

The following tentative program is recommended for each type of position:

For Superintendents

Education 500—Methods of Research in Education	3
Education 501—School Administration	3
Education 504—Supervision of Instruction	3
Education 505—The Curriculum	3
Education 510—Extra-Curricular Activities	3
Education 520—School Finance	3
Education 498—Principles of Guidance	3
*Education 550—Thesis	6
Academic—Minor	18

For Principals

Prerequisites: High scholastic averages in undergraduate work, hold a North Carolina "A" certificate or its equivalent from another state, and a minimum of three years' successful teaching experience.

Education 500—Methods of Research in Education	3
Education 502—Organization and Administration of Secondary Education.....	3
Education 503—Organization and Administration of Elem. Education	3
Education 504—Supervision of Instruction	3
Education 505—The Curriculum	3

* If a student is allowed to substitute additional work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three additional courses. These courses may be in Education or in the academic field.

Education 498—Principles of Guidance	3
*Education 550—Thesis	6
Education—Electives	3
Academic—Minor	18

For General Supervisors

Education 500—Methods of Research in Education	3
Education 478—Correlating Teaching with the Library	3
Education 502 or Education 503—High School or Elementary Administration	3
Education 504—Supervision of Instruction	3
Education 505—The Curriculum	3
Education 507—Child Growth and Development	3
Education 519—County and City School Supervision	3
*Education 550—Thesis	6
Academic—Minor	18

For Supervisors of Student Teaching

Education 500—Methods of Research in Education	3
Education 478—Correlating Teaching with the Library	3
Education 507—Child Growth and Development	3
Education 509—Use and Interpretation of Educational Tests	3
Education 518—Supervising Student Teaching	6
*Education 550—Thesis	6
Education—Electives	3
Academic—Minor	18

For Librarians

The Master of Arts Degree with a major in Library Science and a minor in Education. Prerequisite: A minimum of 27 hours in Library Science.	
Library Science 414a, b—Advanced Book Selection	6
Library Science 501—Use of Materials with Pupils and Teachers	3
Library Science 504—Reading Interests and Guidance	3
Library Science—Electives	6
Education 498—Principles of Guidance	3
Education 500—Research	3
Education 505—Curriculum Construction	3
Education 511—Investigations in Reading	3
*Education 550—Thesis	6
Education—Electives	3

Note: The fifteen hours elective in Library Science may be taken from L.S. 413, 415a,b, 416, 502, 503, 505, 506, 507, 508, 509, 517.

For Secondary School Teachers

Education 478—Correlating Teaching with the Library	3
Education 500—Methods of Research in Education	3
Education 505—The Curriculum	3
Education 509—Use and Interpretation of Educational Tests	3
Education 510—Extra-Curricular Activities	3
Education 498—Principles of Guidance	3
*Education 550—Thesis	6
Education—Electives	3
Academic—Minor	18

*If a student is allowed to substitute additional work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three additional courses. These courses may be in Education or in the academic field.

For Elementary School Teachers

Education 478—Correlating Teaching with the Library	3
Education 500—Methods of Research in Education	3
Education 511—Investigations in Teaching Reading	3
Education 505—The Curriculum	3
Education 507—Child Growth and Development	3
Education 509—Use and Interpretation of Educational Tests	3
*Education 550—Thesis	6
Education—Electives	3
Academic—Minor	18

Note: The academic minor for elementary teachers may include work from one or as many as four fields of study.

For Music Teachers and Music Supervisors

The Master of Arts Degree with a major in Music and a minor in Education.
Prerequisites: A certificate in Music or the equivalent.

Music 501—Music of the Baroque and Classical Periods	3
Music 503—Music of the Romantic Period	3
Music 504—Advanced Instrumental Conducting, <i>or</i>	3
Music 505—Music of the Twentieth Century	3
Music—Electives	15
Education 500—Research	3
Education 505—The Curriculum	3
Education 532—The Organization and Supervision of School Music	3
Education 535—Seminar in Music Education	3
*Education 550—Thesis	6

For School Counselors

Prerequisites: High scholastic average in undergraduate work, hold or be qualified for "A" teacher certificate; at least three years of successful teaching experience, a time equivalent of at least one year of occupational experience in one or more wage-earning jobs other than teaching or counseling.

Education 500—Methods of Research in Education	3
Education 498—Principles of Guidance	3
Education 509—Interpretation of Tests and Measurements	3
Education 521—Analysis of the Individual	3
Education 522—Group Methods in Guidance	3
Education 523—Practicum in Counseling	6
Education 524—Counseling Techniques	3
Education 525—Organization of Guidance Services	3
Education 529—Group Methods in Guidance	3
Education 530—Psychological and Diagnostic Testing	3
Psychology 498—Applied Psychology	3
Electives—Ed., Psy., or Soc.	3
*Education 550—Thesis	6

For Junior College Teachers

Education 500—Methods of Research in Education	3
Education 560—Junior College Instruction Program	3
Education 563—Practicum in Junior College	6 to 9
*Education 550—Thesis	6
Academic—Major	21
Electives	3 to 6

*If a student is allowed to substitute additional work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three additional courses. These courses may be in Education or in the academic field.

GRADUATE ADVISERS

Persons working toward the Master of Arts Degree should confer with the adviser designated for his particular subject and have his courses and their sequence approved before registering.

<i>Biology</i>	MR. F. RAY DERRICK
<i>Business Education</i>	MR. ORUS SUTTON
<i>Counseling</i>	MR. W. T. CARSE
<i>English</i>	MR. G. P. EGGERS
<i>Grammar Grade Education</i>	MR. JOHN HOWELL
<i>Junior College</i>	MR. CRATIS D. WILLIAMS
<i>Library Science</i>	MRS. ILA M. JUSTICE
<i>Mathematics</i>	MR. J. T. C. WRIGHT
<i>Music</i>	MR. WILLIAM G. SPENCER
<i>Physical Education</i>	MR. MARSHALL L. WALTERS
<i>Primary Education</i>	MISS ISABEL JONES
<i>School Administration</i>	MR. WILLIAM E. FULMER
<i>Social Studies</i>	MR. JULIAN YODER

DIVISION OF APPLIED ARTS

A R T

ART 201, *Fundamentals of Art* Two hours

A presentation of various materials and their diversified uses suitable for the classroom. The principles of art structure employing drawing, lettering, composition, color, and design in a different project each day. Three hours per week. *Fall quarter.*

ART 202, *Drawing for Primary and Grammar Grades* Two hours

Perspective, color theory and harmony, design, figure drawing, simple shading and mass arrangements, mural painting, and integration of art with other school subjects. Consideration is given to the level in which the student plans to teach. Prerequisite: Art 201. Three hours per week. *Winter quarter*

ART 203, *Industrial Art for Primary and Grammar Grades*

Two hours

Designing and making simple forms in paper, cardboard, cloth, wire; clay modeling, papier-mâché, puppets; simple projects in wood construction, toys, and the use of tools suitable for the grade level. Consideration given to the area in which the student plans to teach. Prerequisites: Art 201, 202. Three hours per week.

Spring quarter

ART 308, *Art Appreciation*

Three hours

Principal forms of art developed by various cultures; architecture, painting, sculpture, art in handicraft and machine eras, industrial design, stage art, and commercial art. Prerequisite: six hours of art. Three hours per week. *Fall and spring quarters*

ART 415, *Weaving*

Two hours

An introduction to weaving using various types of loom, with special attention given to the needs of classroom teachers and those who work in camping and recreational programs. Emphasis is placed on creativity, use of inexpensive materials and easily constructed weaving devices. Each student will pay for the actual materials used and all articles made by the students become their property. *Fee \$5.00 per term.* *Summer quarter only*

Senior-Graduate Courses

ART 416, *Weaving* Three hours

Assembling a loom. Making warps and threading looms. Reading and writing drafts. Creating and constructing fabric designs through various weaving techniques and yarn combinations. Samples and finished pieces. Each student will pay for the actual materials used and all articles made by the students become their property. Fee \$5.00. Prerequisite, Art 415, or its equivalent.

Summer quarter only

ART FOR HOME ECONOMICS MAJORS

ART 213, *Applied Design* Three hours

Application of color theory and perspective in drawings and decoration for interiors of rooms, figure analysis, costume design, and decorative design using various kinds of motifs.

Winter quarter

ART 214, *Decorative Design* Three hours

Execution of original designs suitable for different purposes, depending on media and technique used in block prints, stencils, silk screen on cloth, weaving, basketry, copper enamel work, and other crafts suitable to the classroom or summer camp.

Spring quarter

HOME ECONOMICS

PLAN I The minimum requirement for graduation—unstarred courses—prepares for North Carolina Certificate.

PLAN II It is suggested that those planning to teach as a career, or planning to do graduate study in this field, elect as many special junior courses as possible.

PLAN III For graduate study in nutrition, it is recommended that H. Ec. 450, 447, P.Ed. 212 be taken.

PLAN IV Add H. Ec. 343, 344, 345, 346, Institutional Management courses.

HOME ECONOMICS 101, *Elementary Textiles* Three hours

Three laboratory periods per week. Prerequisite to all courses in Textiles and Clothing.

Fall quarter

HOME ECONOMICS 102, *Clothing Selection* Three hours

Three laboratory periods per week. Prerequisite: Home Economics 101.

Winter quarter

- HOME ECONOMICS 103, *Elementary Clothing Construction*
 (Continued) Three hours
 Three laboratory periods per week. Prerequisite: Home Economics 101, 102. *Spring quarter*
- HOME ECONOMICS 104, *Elementary Meal Planning, Preparation and Table Service* Three hours
 Care of laboratory and equipment; general principle of elementary food preparation; all types breakfast. One lecture and two laboratory periods per week. *Winter quarter*
- HOME ECONOMICS 105, *Elementary Meal Preparation and Table Service* (Continued) Three hours
 Etiquette, meal preparation, marketing. Prerequisite: Home Economics 104. *Spring quarter*
- HOME ECONOMICS 151, *Child Development* Three hours
 Study and observation of preschool children. Three lectures and two hours observation. *Fall quarter*
- HOME ECONOMICS 206, *Advanced Meal Preparation, Table Service, and Food Preservation* Three hours
 Emphasis on nutritive values, marketing, hospitality, as well as schedule to save time and energy. Prerequisites: Home Economics 104, 105. One two-hour lecture and two laboratory periods per week. *Fall quarter*
- HOME ECONOMICS 208, *Elementary Nutrition* Three hours
 Relation of nutrition to health and physical fitness. Three hours per week. Open elective Fall and Spring only. *Every quarter*
- HOME ECONOMICS 212, *Children's Clothing* Three hours
 Three laboratory periods per week. Prerequisites: Home Economics 101, 102, 103. *Fall and winter quarters*
- *HOME ECONOMICS 300, *Tailoring and Clothing Selection* Three hours
 Three laboratory periods. Prerequisites: Home Economics 101, 102, 103, 212, Junior standing. *Winter and spring quarters*
- HOME ECONOMICS 311, *Consumer Problems* Three hours
 Use of resources to obtain satisfaction of personal and family needs. Elective. *Winter quarter*
- HOME ECONOMICS 313, *Home Furnishing* Three hours
 Selection and arrangement of furniture. Problems in selection, rearrangement, and refinishing. Practical problems. Prerequisites: Art 213, 214. One two-hour lecture and two laboratory periods per week. *Spring quarter*

- HOME ECONOMICS 318, *Advanced Dressmaking* Three hours
Advanced problems in flat pattern design. Three laboratory periods. Prerequisites: Home Economics 101, 102, 103, Art 213, 214. *Fall and spring quarters*
- *HOME ECONOMICS 319, *Furniture Appreciation* Three hours
Styles and periods in relation to home and family use. Prerequisites: Art 213, 214. Elective. *Winter quarter*
- HOME ECONOMICS 340, *Household Equipment and Engineering* Three hours
Selection, operation, and care of appliances. Juniors. *Winter and spring quarters*
- *HOME ECONOMICS 343, *Quantity Cookery* Four hours
Prerequisites: Home Economics 104, 105, 206, 208, and General and Organic Chemistry. *Fall quarter*
- *HOME ECONOMICS 344, *Organization and Administration: Personnel Management* Three hours
Problems in organization and management. *Winter quarter*
- *HOME ECONOMICS 345, *Organization and Administration: Food Purchasing for Institutions* Three hours
Production, grading, storage, and purchase of foods in large quantities. *Spring quarter*
- *HOME ECONOMICS 346, *Supervised Institutional Experience* Two hours
On demand. *Every quarter*
- *HOME ECONOMICS 427, *Home Economics Materials and Teaching Aids* Two hours
Fall and winter quarters
- HOME ECONOMICS 441, *Home Management House Residence* Five hours
One quarter residence in home management house. Utilization of income, time, labor and talent. Varied experiences in family and social relationships. Prerequisite: Junior standing. *Every quarter*
- HOME ECONOMICS 442, *Problems in Administration of Home Management House* One hour
Parallel to Home Economics 441—Junior standing.
Note: \$120.00 per quarter is for student's room and board in Home Management House. *Every quarter*
- *HOME ECONOMICS 447, *Diet and Disease* Three hours
Nutrition in health and disease. Prerequisites: Home Economics 104, 105, 206, 208. Elective. *Spring quarter*

HOME ECONOMICS 450, *Advanced Nutrition Three hours
 Advanced course in nutrition. Prerequisites: Home Economics 208 and Chemistry 204, 205, 206. Three double laboratory periods per week. *Winter quarter*

HOME ECONOMICS 482, *Home Nursing and Health of the Family* Three hours
 Two lectures and one laboratory period per week. Junior standing. *Winter and spring quarters*

WRITING

WRITING 100, *Remedial Writing* No credit
 Non-credit for students who need to acquire a higher degree of legibility. Teachers may require students to take this course, and students who know they need such training may enter. *Fall quarter*

WRITING 301, *Writing* Two hours
 Improving student's handwriting, and methods of teaching children standard letter formations. *Winter quarter*

WRITING 403, *Manuscript Writing* Two hours
 This course consists of the study of the standard form with sufficient exercises to develop the technique of manuscript writing; also discussion of its relation to the language arts in the primary grades. *Spring quarter*

Department of Biology and General Science

BIOLOGY 101, *General Biology* Four hours
 Foundation course for later study in botany, zoology, bacteriology, physiology, and psychology; nature and scope of general biology, natural life, protoplasm, cell structure, cell nutrition, cell reproduction, cell behavior, and origin. *Fall quarter*

BIOLOGY 102, *General Biology* Four hours
 Systematic study for better understanding of larger scientific principles; morphology, physiology, and ecology of representative animals. Prerequisite: Biology 101. *Winter quarter*

BIOLOGY 103, *General Biology* Four hours
 Nervous, digestive, respiratory, circulatory, and excretory systems of representative vertebrates; Lamarckism, evolution, Darwinism, Mendelism, and mutation theory. Prerequisite: Biology 102. *Spring quarter*

BIOLOGY 204, 204a, *Botany* Three hours each
A taxonomic, morphological, and physiological survey of the plant kingdom. *Winter and spring quarters*

BIOLOGY 205, 205a, *Vertebrate Zoology and Comparative Anatomy* Three hours each
A comparative study of the origin, development, anatomy and physiology of the vertebrates. Prerequisite: General Biology. *Winter and spring quarters*

BIOLOGY 206, *General Bacteriology* Three hours
Morphology and classification of bacteria, yeast, and molds; their effects on food and their relationship to man. Prerequisites: General Biology, and six quarter hours of General Chemistry. *Fall and spring quarters*

BIOLOGY 208, *Invertebrate Zoology* Three hours
A study of morphology, physiology, life history, and classification of representative invertebrate animals, and their economic importance. *Fall quarter*

BIOLOGY 221, *Embryology* Three hours
Germ cell maturation, the structural basis of heredity, fertilization, differentiation, organ history, prenatal nutrition and the elements of the physiology of reproduction are considered. Representative embryo sections are interpreted in the laboratory. *Winter quarter*

BIOLOGY 310, *Elementary Animal Physiology* Three hours
This course will emphasize human physiology and will cover the nervous, muscular, circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems. Two lectures and two two-hour laboratory periods per week. *Fall quarter*

BIOLOGY 401, *Problems and projects in Biology* One to Three hours
Individual problems or projects carried on by superior pupils under the supervision of the biology staff. Prerequisite: Junior or Senior standing and special permission. *Every quarter*

Senior-Graduate Courses

BIOLOGY 407, *Nature Study* Three hours
Observation of common plants and animals, methods of collecting, organizing, and presenting nature study materials in the grades. *Summer quarter*

BIOLOGY 410, *Ornithology* Three hours
Field identification, studies in migration, nesting habits, general behavior, economic relationship, and classification. *Summer quarter*

BIOLOGY 420, *Micro-technique* Three hours

Technical methods used in preparing materials for microscopic study, practical training in preparation of permanent slides of small organisms and tissues of higher organisms. Most work done in laboratory. *Summer and fall quarters*

BIOLOGY 422, *Histology* Three hours

Microscopic anatomy of the vertebrate body, including a study of the principal tissues and organs. *Summer and winter quarters*

BIOLOGY 423, *Heredity and Eugenics* Three hours

A study of the basic principles of heredity and the application of these principles to the improvement of man. The relation of heredity and variation to evolution are considered.

Summer and spring quarters

BIOLOGY 430, *Elementary Plant Physiology* Three hours

The basic principles of plant physiology. The fundamental plant processes such as cell properties, water relations, growth, photosynthesis, respiration, and mineral nutrition.

Summer quarter only

Graduate Courses

BIOLOGY 500, *Plant Ecology* Three hours

Units of vegetation and plant succession. Factors of the habitat; soils and climate. Taxonomy of local flora and preparation of herbarium material. Five hours of lecture, laboratory, and field work each week. *Summer quarter*

BIOLOGY 501, *Animal Ecology* Three hours

A study of the ecological factors affecting animal life in the various groups of animals. Special attention given to the collection, identification, and recognition of local fauna. Five hours of lecture, laboratory, and field work each week.

Summer and fall quarters

BIOLOGY 502, *Fresh Water Biology* Three hours

A study of the physical, chemical and biological factors affecting productivity in lakes, ponds, streams. Largely a field course dealing with various approved methods of studying the fresh waters of North Carolina. *Summer and spring quarters*

BIOLOGY 504, *Bacteriology of Water, Milk, Food and Sewage*

Three hours

Laboratory and field methods dealing with the sanitary aspects of foods and food handling; sources and kinds of bacteria in milk; water and sewage with their sanitary significance. *Summer quarter*

BIOLOGY 505, *Taxonomy of Seed Plants* Three hours

A study of the gross structure, reproduction, and development of the spermatophytes. Special emphasis is placed upon the classification and naming of the flowering plants. *Summer quarter*

BIOLOGY 506, *Animal Physiology* Three hours

An advanced course in human physiology; the functions of the circulatory, digestive, respiratory, excretory, reproductive and nervous systems will be studied. *Summer and winter quarters*

BIOLOGY 507, *Biological Problems* Three hours

Graduate students with an approved subject of investigation, leading to the development of their master's thesis, may register for this course. The work will be subject to their individual needs. *Summer and fall quarters*

BIOLOGY 508, *Seminar* Three hours

Lectures, readings, and discussions dealing with biological principles and theories. *Spring and summer quarters*

BIOLOGY 509, *Biology in the High School* Three hours

Review of topics covered in high school biology with emphasis upon recent advancements in these fields. Methods and materials will also be considered. *Summer quarter*

BIOLOGY 510, *Paleontology and Evolution* Three hours

The evidences of organic changes will be considered and evaluated from the paleontological, morphological, and physiological standpoints. *Spring and summer quarters*

BIOLOGY 525, *Entomology* Three hours

A study of injurious and beneficial insects, their classification, life histories, distribution, and influence upon man. Methods of collecting and preserving insects are considered, and each student is required to prepare a representative collection. *Summer quarter*

BIOLOGY 552, *Local Flora* Three hours

A course designed specifically for the primary and grammar grade teachers. A study of the common flora and economic plants of North Carolina including the collection, common name identification, and methods of preservation. *Summer quarter*

GENERAL SCIENCE

GENERAL SCIENCE 101, 102, 103 Three hours each

A survey course in natural and physical science, designed primarily for those who plan to teach in the elementary schools. *Fall, winter, and spring quarters*

- SCIENCE 450, *Methods in Elementary Science* Three hours
 Methods and materials in elementary science.
Every quarter

Senior-Graduate Courses

- SCIENCE 463, *Science in Elementary Grades* Three hours
 A course in science for elementary school workers.
Summer quarter
- SCIENCE 463a, *Workshop for Teachers in Elementary School Science* Three or six hours
 See Education 463a *Extension and summer*

Department of Business Education

The Department of Business Education, Appalachian State Teachers College, is an institutional member of the National Association of Business Teacher-Training Institutions (NABTTI).

- BUSINESS EDUCATION 101, 102, 103, *Typewriting* Three hours each
 The typewriting keyboard and theory. Students who have completed successfully one semester of typewriting in secondary school, or equivalent, will be required to register for Business Education 102.
Fall, winter, and spring quarters

- BUSINESS EDUCATION 121, *Business Mathematics* Three hours
 The fundamental process of mathematics and application to common business practices.
Fall quarter

- BUSINESS EDUCATION 204, 205, 206, *Shorthand* Three hours each
 Mastery of principles of Gregg Shortland and ability to take dictation. Students who have completed successfully one semester of shorthand in secondary school, or equivalent, will be required to register for Business Education 205.
Fall, winter, and spring quarters

- BUSINESS EDUCATION 210, 211, 212, *Elementary Accounting* Three hours each
 Principles and fundamentals of accounting procedure and practices.
Fall, winter, and spring quarters

- BUSINESS EDUCATION 300, *Typewriting* Three hours
 A terminal course for non-business-teachers in the use of the typewriter and duplicating machines.
Spring quarter

- BUSINESS EDUCATION 301, *Principles of Selling* Three hours
 A study of the basic principles and techniques of selling.
Offered 1959-60

BUSINESS EDUCATION 308, *Business Correspondence* Three hours
The principles and application of business letter writing.
Winter and spring quarters

BUSINESS EDUCATION 309, *Office Machines* Three hours
Practice in the use of common office machines. Prerequisites:
Typewriting and Accounting. *Fall, winter, and spring quarters*

BUSINESS EDUCATION 316, 317, *Advanced Shorthand*
Three hours each
Ability to take rapid dictation and transcribe it. Prerequisites:
Business Education 205, 206. *Fall and winter quarters*

BUSINESS EDUCATION 322, 323, 324, *Intermediate Accounting*
Three hours each
Application of accounting to various forms of business organization. Prerequisites: Business Education 210, 211, 212. Business Education 324 Elective. *Fall, winter, and spring quarters*

BUSINESS EDUCATION 421, *Business Law* Three hours
Law relating to business, technical principles involved in contracts, negotiable instruments, and agency.
Winter and spring quarters

BUSINESS EDUCATION 423, *Business Policies and Practices*
Three hours
A study of the basic policies and practices in performing the functions of business. *Offered 1959-60*

BUSINESS EDUCATION 424, *Office Practice* Four hours
At least ninety hours of actual work in an office. Group conferences to be arranged. *Every quarter*

BUSINESS EDUCATION 427, *Principles of Business Education*
Three hours
A study of the curriculum, current problems, and other inter-related factors in business education. *Fall and winter quarters*

BUSINESS EDUCATION 429, *Materials and Methods of Teaching the Non-Skill Business Courses* Three hours
A study of the use of different teaching aids and successful methods used in the teaching of the basic business subjects.
Offered 1959-60

Senior-Graduate Courses

BUSINESS EDUCATION 450, *Principles of Insurance* Three hours
A theoretical and practical study of the different kinds of insurance. Was formerly Business Education 326. (Accepted as economics elective.) *Winter quarter*

BUSINESS EDUCATION 451, *Office Management* Three hours
 A study of principles of scientific management as they relate to the office. *Fall quarter*

BUSINESS EDUCATION 452, *Tax Accounting* Three hours
 A study of the Federal Income Tax Laws and preparation of tax reports. Prerequisites: Business Education 210, 211, 212. *Spring quarter*

Graduate Courses

BUSINESS EDUCATION 500, *Research in Business Education* Three hours
 Directed independent research in the field of business education. *Every quarter*

BUSINESS EDUCATION 501, *Survey of Business Finance* Three hours
 Principles and problems of financing a business enterprise and their relationship to the investor and the consumer. *Summer quarter*

BUSINESS EDUCATION 502, *Marketing Problems and Policies* Three hours
 Marketing organizations and methods with emphasis upon functions, institutions, and channels and their relationship to the consumer. *Summer quarter*

BUSINESS EDUCATION 503, *Advanced Business Law* Three hours
 Law as it applies to the everyday business transactions of individuals and the organization and operation of a business enterprise. *Summer quarter*

BUSINESS EDUCATION 504, *Advanced Accounting Theory and Auditing* Three hours
 Basic principles of accounting with emphasis on analysing and verifying records and reports. *Summer quarter*

BUSINESS EDUCATION 505, *Current Problems in Business Education* Three hours
 Problems in organizing and administering a business education program in the high schools. *Summer quarter*

BUSINESS EDUCATION 506, *Improvement of Instruction of the Secretarial Subjects* Three hours
 Trends and research in the teaching of shorthand, typewriting, and related subjects. *Summer quarter*

BUSINESS EDUCATION 507, *Improvement of Instruction of the Basic Business Subjects* Three hours

Objectives, organization of the curriculum, instructional materials, and methods of instruction of the basic business subjects.

Summer quarter

Department of Chemistry

CHEMISTRY 101, *General Chemistry* Four hours

Fundamental principles, laws, and theories of chemical action; detailed study of oxygen, hydrogen, nitrogen. *Fall quarter*

CHEMISTRY 102, *General Chemistry* Four hours

Halogens, carbons, and other compounds. *Winter quarter*

CHEMISTRY 103, *General Chemistry* Four hours

Non-metals and their compounds, selected metals and other compounds. *Spring quarter*

CHEMISTRY 204, *Organic Chemistry* Four hours

Aliphatic compounds, continued. *Fall quarter*

CHEMISTRY 205, *Organic Chemistry* Four hours

Aliphatic compounds, continued. *Winter quarter*

CHEMISTRY 206, *Organic Chemistry* Four hours

Aromatic compounds. *Spring quarter*

CHEMISTRY 204a, *Organic Chemistry* Three hours

(Open to Home Economics Majors only.) *Fall quarter*

CHEMISTRY 205a, *Organic Chemistry* Three hours

(Open to Home Economics Majors only.) *Winter quarter*

CHEMISTRY 206a, *Physiological Chemistry* Three hours

(Open to Home Economics Majors only.) *Spring quarter*

CHEMISTRY 307, *General Qualitative Analysis* Four hours

Systematic separation of metals and non-metals from unknown solution; principles of compounds; solution and mass action. Prerequisite, General Chemistry. *Fall quarter*

CHEMISTRY 308, *Quantitative Analysis* Four hours

Theory and practice of quantitative analysis; volumetric methods. Prerequisite, Chemistry 307. *Winter quarter*

CHEMISTRY 309, *Quantitative Analysis* Four hours

Theory and practice of quantitative analysis: gravimetric methods. Prerequisite, Chemistry 307. *Spring quarter*

Department of Education

EDUCATION 221, 222, *Music in the Elementary School*

Two hours each

Presentation of a definite philosophical and psychological approach to the teaching of music in the public schools. Discussion of curricular plans and materials from kindergarten through the sixth grade. Examination and appraisal of basic texts in relation to song repertory, music reading, part singing, listening, beginning instrumental work, and correlations with other curricular areas. This course is a prerequisite for Education 322.

Winter and spring quarters

EDUCATION 303, *Elementary Social Studies*

Three hours

The place of social studies in the elementary curriculum: objectives, instructional procedures, materials and evaluative criteria.

Spring and summer quarters

EDUCATION 322, 323, *Music in the High School*

Two hours each

This course emphasizes the place of music in the education of adolescent students. It deals specifically with materials and activities appropriate for the elective and specialized aspects of the music program in the junior and senior high school. Careful consideration is given to the changing voice, the general music class, voice testing, and part singing. Choice of, interpretation, method of approach to, and presentation of standard and contemporary choral music for both selected and unselected groups are studied.

Fall and winter quarters

EDUCATION 324, 325, 326, *Piano Pedagogy*

Two hours each

A course in the teaching of piano with a study of various approaches both in private and class methods. Problems of setting up and operating a studio.

Fall, winter, and spring quarters

EDUCATION 331, 332, 333, *The School*

Three hours each

A study of the development, organization, administration, curriculum, materials and methods of instruction in schools in the United States. Purposeful directed observation. Differentiation for elementary and secondary school majors. Professional laboratory experiences are provided as an integral part of these courses. (These courses must be taken concurrently with Psychology 302, 303, 304.)

Fall, winter, and spring quarters

EDUCATION 401, *Primary Reading*

Three hours

Principles and practices of a balanced reading program. A study of systematic and differentiated procedures based on recent research. Prerequisites: Education 331, 332, Psychology 302, 303.

Fall and spring quarters

EDUCATION 405, *Primary Arithmetic* Three hours

Ways and means of developing number ideas and associating number symbols; fundamental number facts; and fundamental operations with integers; the decimal system; use of simple fractional parts of number. Prerequisites: Education 331, 332, Psychology 302, 303. *Fall and winter quarters*

EDUCATION 406, *Teaching Grammar Grade Arithmetic*

Three hours

Investigations as to how children learn the fundamental processes, accuracy and speed as motives, denominate numbers and further use of fractions. Prerequisites: Education 331, 332, Psychology 302, 303. *Every quarter*

EDUCATION 410, *School Management*

Three hours

Summer quarter

EDUCATION 413, *Teaching Grammar Grade Reading* Three hours

Teaching the fundamentals of reading at the grammar grade level; improvement of word recognition skills, rate, and comprehension; development of effective reading-study techniques. Prerequisites: Education 331, 332, Psychology 302, 303.

Fall and spring quarters

EDUCATION 414, *Student Teaching, Elementary Schools*

Fifteen hours

See Student Teaching (page 46).

Every quarter

EDUCATION 414a, *Advanced Student Teaching* Ten hours

An advanced course in student teaching during the session of the elementary laboratory school, June to August. Open only to those who have teaching experience. Application for this course must be made to Director of Student Teaching by March 1.

Summer quarter

EDUCATION 415, *Student Teaching, High School* Fifteen hours

See Student Teaching (page 46).

Every quarter

EDUCATION 420, *Teaching High School Mathematics* Three hours

Prerequisites: Education 331, 332, Psychology 302, 303.

Every quarter

EDUCATION 423, *Teaching High School Science* Three hours

Prerequisites: Education 331, 332, Psychology 302, 303.

Every quarter

EDUCATION 424, *Teaching History* Three hours

Prerequisites: Education 331, 332, Psychology 302, 303.

Every quarter

EDUCATION 425, *Teaching English* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303.
Every quarter

EDUCATION 426, *Teaching Modern Languages* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303.
Every quarter

EDUCATION 427, *Teaching Home Economics* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303.
Fall and spring quarter

EDUCATION 428, *Teaching Physical Education* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303.
Every quarter

EDUCATION 429, *Instrumental Methods and Materials* Four hours
 A comprehensive survey of the materials and methods employed in instrumental class teaching. Literature of all grades of difficulty for various groups (strings, woodwinds, etc.) is examined and evaluated. Problems of organizing and directing instrumental class work are discussed with special consideration given to rehearsal procedures. Prerequisites: Education 331, 332, Psychology 302, 303.
Fall quarter

EDUCATION 431, *Teaching of Industrial Arts Education* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303. (Not offered 1959-60.)

EDUCATION 460, *Substitute Teaching* Three hours
 See Substitute Teaching (page 48). *Every quarter*

EDUCATION 470, *Teaching Business Education* Three hours
 Prerequisites: Education 331, 332, Psychology 302, 303.
Every quarter

Senior-Graduate Courses

EDUCATION 411, *Literature and the Child* Three hours
 An interpretation and critical study of literature suitable for children. *Fall quarter*

EDUCATION 437d, *Workshop for Teachers in Teaching Spelling and Composition* Three or Six hours
 See English 437d *Extension*

EDUCATION 446, *Diagnostic and Remedial Teaching* Three hours
 A study of the problems of discovering the cause or lack of progress in elementary school and the remedies to correct it.
Winter quarter

- EDUCATION 455, *Workshop for Teachers in Elementary School Physical Education* Three or Six hours
See Physical Education 455 *Extension*
- EDUCATION 456, *Art Education Workshop* Three or Six hours
Summer and Extension
- EDUCATION 457, *Speech Education Workshop* Three hours
Summer quarter
- EDUCATION 461, *Honor Teaching* Four hours*
See Honor Teaching (page 48). *Every quarter*
*Graduate students may earn only three quarter hours.
- EDUCATION 463a, *Workshop for Teachers in Elementary School Science* Three or Six hours
See Science 463a *Extension*
- EDUCATION 465, *Practicum in Instrumental Music* Three hours
Problems of administration, scheduling, and instruction in a summer band camp program. Includes laboratory experiences in Appalachian Summer Band Camp program. *Summer quarter*
- EDUCATION 466, *Reading in High School* Three hours
This course deals with the reading problems encountered on this level, reading in the content areas of the curriculum, and the total school responsibility in reading improvement. Opportunities for practical application are provided. *Every quarter*
- EDUCATION 472a, *Workshop for Teachers in Elementary School Mathematics*
See Mathematics 472a *Extension*
- EDUCATION 472b, *Workshop for Teachers in Secondary School Mathematics* Three or Six hours
See Mathematics 472b *Extension*
- EDUCATION 473, *Workshop for Teachers in Teaching of Reading* Three or Six hours
Extension and Summer
- EDUCATION 474, *Workshop in Language Arts* Three or Six hours
Extension
- EDUCATION 475, *Workshop for Teachers in the Use of Instructional Materials Including Audio-Visual* Three or Six hours
Extension
- EDUCATION 476, *Workshop for Teachers in the Use of the Library* Three or Six hours
See Library Science 476 *Extension*

EDUCATION 477, *Workshop for Teachers in Social Studies*
Education Three or Six hours
 See Social Studies 477 *Extension*

EDUCATION 478, *Correlating Teaching with the Library* Three hours
 This course is planned to help the classroom teacher better understand the function and use of the school library, to learn how to use it as a means of vitalizing teaching. (Not open to Library Science Majors.)
Fall and summer quarters

EDUCATION 483, *Improving Elementary Instruction* Three hours
 This course is planned for the elementary teacher to help her better to understand the elementary child, to help her to select, organize, and present teaching materials, to evaluate and develop her own effectiveness.
Spring and summer quarters

EDUCATION 487, *Music Education Workshop* Three hours
Summer quarter

EDUCATION 488, *Health Education Workshop* Three hours
Summer quarter

EDUCATION 491, *The Elementary Curriculum* Three hours
 A study of the elementary school curriculum in modern schools, recent trends in curriculum revision and organization.
Summer quarter

EDUCATION 492ab, *Diagnostic and Remedial Reading* Three or Six hours
 A treatment of such topics as reading difficulties, their causes, and correction procedures. Opportunities for practical application are provided. (One may register for six hours' credit during any one term or register two different terms for three hours each.)
Fall, winter, spring, and summer quarters

EDUCATION 493, *Student Teaching Workshop* Three hours
Summer quarter

EDUCATION 494, *Audio-Visual Aids in Education* Three hours
 A treatment of curriculum enrichment through the use of audio-visual materials, general principles underlying the selection, production, and use of materials for instructional purposes.
Every quarter

EDUCATION 495, *Children's Literature Workshop* Three hours
Summer quarter

EDUCATION 497, *Teaching of Reading* Three hours

Deals with current practices, materials, and philosophy of teaching reading on all levels of the elementary school.

Spring and summer quarters

EDUCATION 498a,b, *Principles of Guidance in the School*

Three hours each

An introductory study of public school guidance and counseling programs and practices.

Every quarter

EDUCATION 499, *Workshop for Teachers in Guidance and Counseling*

Three or Six hours

Extension and summer

Graduate Courses

EDUCATION 500, *Research in Education*

Three hours

Involves the study of the various types of research and the logical organization of research and reporting. Required in first quarter for persons working for Master of Arts degree.

Every quarter

EDUCATION 501, *Basic Principles and Techniques in Education*

Administration

Three hours

Deals with basic structure, organization and administration of American public education; the role of the various agencies and administrative personnel; financial support; special problems. Prerequisite: Three years' teaching experience.

Summer quarter

EDUCATION 502a, *Organization and Administration of Secondary Schools*

Three hours

Secondary education and administration, research, curriculum, schedule making, opening and closing of school. Prerequisite: Three years' teaching experience.

Fall quarter

EDUCATION 502b, *Problems of the High School Principal*

Three hours

A study of the practical problems involved in secondary schools. Prerequisite: Three years' teaching experience.

Winter quarter

EDUCATION 503, *Elementary School Organization and Administration*

Three hours

Includes the role of the administrator in modern elementary education. Prerequisite: Three years' teaching experience.

Winter quarter

EDUCATION 504, *Supervision of Instruction* Three hours

The nature and function of supervision, recent trends, teacher participation in policy formation, the organization and planning of supervision. Prerequisite: Three years' teaching experience.

Spring quarter

EDUCATION 505, *Curriculum Construction: General Principles*

Three hours

Seeks to identify sound principles, effective practices and techniques appropriate for over-all curriculum planning.

Fall quarter

EDUCATION 507, *Growth and Development of the School Child*

Three hours

A study of the physical, mental, emotional, and social aspects of human development during the periods of childhood and adolescence.

Winter and summer quarters

EDUCATION 508, *Remedial Reading*

Three hours

Review of remedial techniques used in the treatment of reading problems. Application of materials and methods for remedial work. Prerequisite: Education 492.

Summer quarter

EDUCATION 509, *Use and Interpretation of Educational Tests and Measurements*

Three hours

A survey and study of the principles of the construction of standard tests. Includes a consideration of good practices in teacher-made tests.

Winter quarter

EDUCATION 510, *Extra-Curricular Activities*

Three hours

Extra-curricular activities which modern schools are expected to carry out as a part of their educational program.

Fall quarter

EDUCATION 511, *Investigations in Reading*

Three hours

Investigations are made of the literature and research dealing with the teaching of reading.

Winter quarter

EDUCATION 512, *Mental Hygiene in Teaching*

Three hours

Application of the principles of personality growth and development to the mental hygiene problems of the classroom, school, and the community.

Spring quarter

EDUCATION 513, *Teaching and Supervision of the Language Arts in the Elementary Grades*

Three hours

Oral and written communication; reading and children's literature.

Summer quarter

EDUCATION 514, *The Psychology of Behavior Disorders*

Three hours

Study of personality maladjustments, delinquency, and emotional instability; methods of therapy used in the treatment of the more serious behavior difficulties.

*Spring quarter*EDUCATION 516, *Investigations in Teaching High School**English*

Three hours

A critical study of the literature pertaining to English investigations, particularly in the teaching of grammar, composition, and literature.

*Summer quarter*EDUCATION 517, *Investigations in Teaching Mathematics*

Three hours

A critical study of the investigative and theoretical literature dealing with the teaching of mathematics.

*Summer quarter*EDUCATION 518a, *Organization and Supervision of Student Teaching*

Three hours

Origin and development of student teaching, including present status and trends.

*Winter quarter*EDUCATION 518b, *Activities and Techniques of the Supervision of Student Teaching*

Three hours

General techniques of a supervising teacher, including observation; guiding student teachers in planning; orientation of student teachers; student teacher participation; evaluations.

*Spring quarter*EDUCATION 519, *County and City School Supervision*

Three hours

This course is planned for students preparing for positions as general county and city supervisors.

*Summer quarter*EDUCATION 520, *Public School Finance*

Three hours

Analysis of legal, economic, sociological, and philosophical foundations; survey of guiding principles and current practices in the administration of financial transactions. Prerequisite: Three years' teaching experience.

*Summer quarter*EDUCATION 521, *Analysis of the Individual*

Three hours

An application of psychological principles and guidance techniques to self-appraisal and appraisal of the personality of others.

*Winter and summer quarters*EDUCATION 522, *Occupational and Educational Information*

Three hours

Designed to acquaint teachers and counselors with sources and uses of vocational and educational information.

Spring and summer quarters

EDUCATION 523, *Practicum in Counseling* Six hours

Actual practice in the application of guidance techniques for those majoring in counseling and other guidance. Prerequisites: Completion of all other requirements for a degree in counseling.
Every quarter

EDUCATION 524, *Tools and Techniques of Guidance* Three hours

Designed to integrate psychological principles with the tools and techniques in the guidance area in the diagnosing of problems of adjustment. Prerequisites: Education 498, Psy. 498.
Summer quarter

EDUCATION 525, *Organization and Administration of Guidance Services* Three hours

Primarily designed for those who desire to study the methods of introducing and establishing a school guidance program. Prerequisite: Education 498.
Spring and summer quarters

EDUCATION 526, *Seminar in Guidance* Three hours

Each individual will select some phase of guidance work, according to his special interests, for research and study. Prerequisites: Education 498, 500, 522, and 525.
Summer quarter

EDUCATION 528, *Independent Study in Guidance* Three hours
Every quarter

EDUCATION 529, *Group Methods in Guidance* Three hours

A study of group guidance methods and techniques most adaptable to public school guidance work and home room programs.
Fall quarter

EDUCATION 530, *Psychological and Diagnostic Testing* Three hours

Designed to give experience in administering, scoring and interpreting various psychological tests.
Summer quarter

EDUCATION 531, *Utilization and Preparation of Audio-Visual Aids* Three hours

A practical course affording teachers practice in the integration of resources, materials, techniques, methods, and equipment in the instructional program. Also deals with production techniques and their application in teaching. Prerequisite: Education 494.
Spring and summer quarters

EDUCATION 532, *The Organization and Supervision of School Music* Three hours

The responsibilities of the music supervisor in relation to the classroom teacher, the music teacher and the school administration.
Summer quarter

EDUCATION 533, *Independent Work in Music Education*

Three hours

An individually directed study in some phase of music education which will meet the needs of the individual. Prerequisite: Education 500.

*Every quarter*EDUCATION 535, *Seminar in Music Education*

Three hours

A review of the philosophy of education and music education. Study of research problems. Readings and review of current studies, articles and books.

*Summer quarter*EDUCATION 536, *Audio-Visual Workshop*

Three hours

*Summer quarter*EDUCATION 537a,b,c, *Elementary Education Workshop*

Three hours

*Summer quarter*EDUCATION 540, *Statistical Methods in Education*

Three hours

Emphasizes interpretation and use, but includes calculation of basic statistics.

*Summer quarter*EDUCATION 542, *Philosophy of Education*

Three hours

The biological, psychological, and sociological principles underlying modern life in a democracy will be examined critically as a basis for a sound philosophy of education.

*Summer quarter*EDUCATION 543, *The School in Community Life*

Three hours

A course planned to develop an outlook and point of view which will enable the school to render a greater service to its community.

*Summer quarter*EDUCATION 545, *Administration of Audio-Visual Aid**Materials*

Three hours

Includes the selection and evaluation of materials and equipment, and appraises the adequacy and effectiveness of the audio-visual program. Prerequisite: Education 494, or administrative experience.

*Summer quarter*EDUCATION 546, *Foundations of Group Methods*

Three hours

A study of the underlying ideas, problems and dynamics of organizing and managing groups with emphasis on educational settings.

*Summer quarter*EDUCATION 547, *The Core Curriculum*

Three hours

A study of the development and organization of the core curriculum with consideration given to objectives, methods, activities, and evaluations of this type of curriculum.

Summer quarter

EDUCATION 548, *Internship in School Administration*

Six to twelve hours

Arrangements may be made for certain students to serve as interns under some exceptionally good administrators to gain actual experience as principal, supervisor of instruction, or superintendent. Program may be set up to allow either a full quarter of internship or for part-time internship while employed in a school system.

*Every quarter*EDUCATION 549, *Internship Program for Supervising Teachers*

Three hours

A program designed for regularly employed public school teachers in which experiences will be provided to enable a supervising teacher to do a better job of supervising the work of a student teacher.

*Fall, winter, and spring quarters*EDUCATION 550, *Master of Arts Thesis*

Six hours

For students registering for work on the thesis. The professor's name on the registration card will indicate under whose direction the work is to be done. The thesis title will carry the name of the department in which the thesis is written. For example, a thesis written in social studies will be numbered Social Studies 550.

*Every quarter*EDUCATION 560, *Junior College Instruction Program*

Three hours

A study of the materials and techniques of instruction used at the junior college level.

*Demand and summer quarter*EDUCATION 561, *Organization and Administration of the Junior College*

Three hours

*Demand and summer quarter*EDUCATION 562, *Seminar on Junior Colleges*

Three hours

Discussion and analysis of the problems, research, and recent trends in the junior college.

*Demand and summer quarter*EDUCATION 563, *Practicum in Junior College Teaching*

Six or Nine hours

*Every quarter*EDUCATION 565, *Camp Leadership and Camp Administration*

Three hours

The training of counselors for organized camping, with special reference to school camping programs. Planning, scheduling, and conducting the various phases of the program. Includes laboratory experiences in the Appalachian High School Camp program.

Summer quarter

EDUCATION 566, *School Camping and the Curriculum*

Three hours

Considers the philosophy of camping, emphasizes the curriculum relationships on the elementary and high school levels, and includes appropriate laboratory experiences in the Appalachian High School Camp program.

*Summer quarter*EDUCATION 568a,b, *Independent Work in Reading*

Three or Six hours

This course permits a student to study independently on a topic in reading which must be approved by the instructor. It may be taken either on or off campus while the person is teaching. Arrangements must be made for periodic conferences.

*Fall, winter, spring, and summer quarters*EDUCATION 569, *Field Experience in Teaching Reading*

Three to Nine hours

*Summer quarter*EDUCATION 570, *Supervision of Junior College Instruction*

Three hours

Organization and planning of supervision, the development of skills in cooperative planning, and the evaluation of activities for the college student.

*Summer quarter*EDUCATION 571, *Planning the Community College*

Three hours

Analyzing communities and determining aims and objectives in planning curricula in general education and vocational education for the modern community college.

*Summer quarter*EDUCATION 572, *Research in Audio-Visual Education*

Three hours

Consists of individual research on a problem in the field of Audio-Visual Education and communication media. May include investigations in the areas of audio-visual administration, analysis of content; and effects of educational communications. Prerequisites: Education 494, Education 531.

*Offered on sufficient demand*EDUCATION 573, *Seminar in Audio-Visual Education*

Three hours

Investigates theory and research related to administrative and financial aspects of local, state and national audio-visual programs; curricular integration of audio-visual materials for schools; relationship of production techniques to educational outcomes; and the effects of communications on attitudes and social action. Prerequisites: Education 494, Education 545.

Offered on sufficient demand

Department of Health, Physical Education, and Recreation

The objectives of this department are within the framework of the objectives of higher education and of this college:

1. To prepare teachers in health education, physical education, and recreation for the public schools.
2. To prepare athletic coaches for the schools.
3. To provide health instruction which will lead to healthful living.
4. To provide experience in physical education activities which will lead to acquisition of skill and fitness, with leisure-time or recreational value.
5. Through group and individual guidance to strive for optimum development of personality.
6. To uphold and promote high ethical standards in the profession.

Activity Courses

Majors are required to take nine quarter hours of activity classes, and Non-Majors six. Majors should distribute these over the first three years, Non-Majors over the first two. A physical education activity course may be taken in any term offered. Sections are limited in capacity to the space available. All students are urged to take some activity course (electives are provided) to maintain health and fitness throughout their college careers.

No rigid system of taking activity courses in number sequence holds. Students may take courses in any order, provided they take the minimum required.

Transfer students may, on application, receive credit for activity courses, provided, they take and pass a proficiency examination in the activity. Failure to pass the examination means the student will take the course at this college.

Majors may take two activity courses in one quarter, provided, it does not result in an overload of quarter hours, and that majors take at least one course in each of nine quarters.

Gym suits are furnished for on-campus activity classes. Students furnish their own white athletic socks and rubber-soled shoes. Suits are furnished for women's swimming classes. Students furnish their own caps. Towel service is provided.

Activity Courses for Majors

Classes meet twice weekly for one quarter hour credit. Fundamentals, skills, conditioning, rules, strategy, and teaching techniques are taught. Tests on skills, and examinations on knowledge and techniques are given.

Men and Women

(Required unless otherwise identified)

Course numbers followed by "M" for men only. Course numbers followed by "W" for women only. Course numbers without any letter identification are for both men and women.

PHYSICAL EDUCATION 151, <i>Swimming</i>	One hour
	<i>Fall, winter, and spring quarters</i>
PHYSICAL EDUCATION 152M, <i>Basketball and Tumbling</i>	One hour
	<i>Winter quarter</i>
PHYSICAL EDUCATION 152W, <i>Basketball and Tumbling</i>	One hour
	<i>Winter quarter</i>
PHYSICAL EDUCATION 153M, <i>Softball and Volleyball</i>	One hour
	<i>Spring quarter</i>
PHYSICAL EDUCATION 153W, <i>Softball and Volleyball</i>	One hour
	<i>Spring quarter</i>
PHYSICAL EDUCATION 160, <i>Advanced Swimming</i> (Free elective)	One hour
	<i>Winter quarter</i>
PHYSICAL EDUCATION 161M, <i>Advanced Volleyball</i> (Free elective)	One hour
	<i>Spring quarter</i>
PHYSICAL EDUCATION 161W, <i>Advanced Volleyball</i> (Free elective)	One Hour
	<i>Spring quarter</i>
PHYSICAL EDUCATION 254, <i>Tennis and Badminton</i> (Formerly Physical Education 373 and 376)	One hour
	<i>Fall quarter</i>
PHYSICAL EDUCATION 255, <i>Beginning Folk, Social, and Modern Dance</i>	One hour
(Formerly Physical Education 261, 262, 264, and 265)	<i>Winter quarter</i>
PHYSICAL EDUCATION 256, <i>Archery and Gymnastics</i>	One hour
	<i>Spring quarter</i>
PHYSICAL EDUCATION 357M, <i>Soccer, Speedball, and Indoor Games</i>	One hour
	<i>Fall quarter</i>
PHYSICAL EDUCATION 358M, <i>Wrestling</i>	One hour
	<i>Winter quarter</i>
PHYSICAL EDUCATION 359M, <i>Track and Field, Indoor Individual Contests</i>	One hour
	<i>Spring quarter</i>

PHYSICAL EDUCATION 367W, *Speedball, Field Hockey, and Indoor Games* One hour
Fall quarter

PHYSICAL EDUCATION 368, *Advanced Social Dance* One hour
Required for women, elective for men. Winter quarter

PHYSICAL EDUCATION 369, *Advanced Modern Dance* One hour
Required for women, elective for men. Spring quarter

Activity Courses for Non-Majors

Men and Women

(Required unless otherwise identified)

Course numbers followed by "M" for men only. Course numbers followed by "W" for women only. Course numbers without any letter identification are for both men and women.

PHYSICAL EDUCATION 101, *Swimming* One hour
Fall, winter, and spring quarters

PHYSICAL EDUCATION 102M, *Basketball and Tumbling* One hour
Winter quarter

PHYSICAL EDUCATION 102W, *Basketball and Tumbling* One hour
Winter quarter

PHYSICAL EDUCATION 103M, *Softball, Speedball, and Indoor Team Games* One hour
Spring quarter

PHYSICAL EDUCATION 103W, *Softball, Speedball, and Indoor Team Games* One hour
Spring quarter

PHYSICAL EDUCATION 107M, *Touch Football and Wrestling* One hour
(Free elective) Fall quarter

PHYSICAL EDUCATION 108, *Modern Dance* One hour
(Free elective) Winter quarter

PHYSICAL EDUCATION 109M, *Archery and Advanced Volleyball* One hour
(Free elective) Spring quarter

PHYSICAL EDUCATION 109W, *Archery and Advanced Volleyball* One hour
(Free elective) Spring quarter

PHYSICAL EDUCATION 111, *Advanced Swimming* One hour
(Free elective) Winter quarter

PHYSICAL EDUCATION 204, *Tennis, Badminton, and Fundamental Gymnastics* One hour
Fall quarter

PHYSICAL EDUCATION 205, *Folk and Social Dance* One hour
Winter quarter

PHYSICAL EDUCATION 206M, *Volleyball and Soccer* One hour
Spring quarter

PHYSICAL EDUCATION 206W, *Volleyball and Field Hockey* One hour
Spring quarter

Courses in Health Education

HEALTH EDUCATION 110, *Personal Health* Three hours
Personal health and hygiene, total fitness: physical, mental, emotional. Fall quarter

HEALTH EDUCATION 115, *Family Health* Three hours
Health of the infant, child, adolescent, young, and mature adult: home and community health and hygiene. Winter and spring quarters

HEALTH EDUCATION 123, *First Aid* Three hours
Standard and advanced First Aid certificates to those satisfactorily meeting the requirements. Taught by certified American Red Cross Instructors. Spring quarter

HEALTH EDUCATION 207, *Fundamentals for Teaching Health in the School* Three hours
The application of personal health to improve living standards and to acquire a background in personal and community hygiene necessary to teach health in the schools. Elementary and secondary teachers will be given assignments to fit their levels. (Not open to physical education majors.) Every quarter

HEALTH EDUCATION 413, *Methods and Materials in Health Education* Three hours
Health services, healthful school living, and health instruction in the school. Resource aids, especially in relation to community health programs. Elementary and secondary teachers will be given assignments to fit their levels. Every quarter

Courses in Physical Education

PHYSICAL EDUCATION 211, *Human Anatomy* Three hours
A study of the gross structure of the human body. Prerequisites: Biology 101, 102, 103. Fall and summer quarters

PHYSICAL EDUCATION 212, *Human Physiology* Three hours

A study of the basic functions of the human organism. Prerequisite: Physical Education 211 or equivalent.

Winter and summer quarters

PHYSICAL EDUCATION 216, *Principles of Health, Physical Education, and Recreation* Three hours

A summarization of the historical and present concepts which relate to principles of health, physical education, and recreation. (Includes former Health Education 321.)

Every quarter

PHYSICAL EDUCATION 218, *Physical Education for the Elementary School* Three hours

Organization, planning, and administration of activities for elementary school pupils. Methods of teaching, aids, techniques, and experiences in rhythemics, group games, stunts, and relays. Fundamental body skills to fit each level of maturation.

Every quarter

PHYSICAL EDUCATION 220, *Physiology of Muscular Activity*

Three hours

A study of the application of physiological principles to muscular action of the human organism. Prerequisite: Physical Education 212 or equivalent.

Spring and summer quarters

PHYSICAL EDUCATION 240M, 240W, *Stunts and Tumbling, Materials and Methods* Two hours

Teaching methods, theory and application of skills. Classroom work and laboratory participation are interrelated.

Spring and Winter quarters

PHYSICAL EDUCATION 248, *Folk and Social Dance* Two hours

Participation in and materials and methods of teaching folk, square, and social dances suitable for school and recreation purposes.

Winter, spring, and summer quarters

PHYSICAL EDUCATION 314, *Kinesiology* Three hours

Mechanical and anatomical fundamentals of human motion. Muscular analysis of body movements utilized in physical education activities will be stressed. Two hours laboratory and two hours lecture. Prerequisite: Physical Education 211.

Winter and summer quarters

PHYSICAL EDUCATION 324, *Rhythmic Activities for the Elementary School* Two hours

Fundamental movements, singing games, folk, social, and creative dances. Suitable types of accompaniment and teaching methods.

Fall, winter, and spring quarters

PHYSICAL EDUCATION 325, *Dance Materials and Methods*

Two hours

Theory and practice in the teaching of folk, square, social, and modern dances. Prerequisites: Activity courses in dance.

*Fall and spring quarters*PHYSICAL EDUCATION 329M, *Track and Field, Methods and**Materials*

Two hours

Fundamental skills, applied techniques, and the theory of teaching track and field athletics. Prerequisite: Activity course in track and field.

*Spring quarter*PHYSICAL EDUCATION 330W, *Field Sports for Women, Methods and Materials*

Two hours

For women preparing to teach and coach speedball, softball, field hockey, tennis, and archery. Skills, techniques, rules, and officiating are included. Prerequisites: Activity courses in field sports.

*Fall and spring quarters*PHYSICAL EDUCATION 353, *Organization and Administration of Physical Education*

Three hours

Problems in organization, administration, and supervision of the physical education program and methods of solving these problems.

*Winter and spring quarters*PHYSICAL EDUCATION 408, *Tests and Measurements in Physical Education*

Three hours

A theory and methods course in the application of measurement to health and physical education programs.

*Fall and winter quarters*PHYSICAL EDUCATION 422W, *Indoor Sports for Women, Methods and Materials*

Two hours

The theory and practice of teaching and coaching women's basketball, volleyball, and team games. Prerequisites: Activity courses in basketball, volleyball, indoor games.

*Winter and spring quarters*PHYSICAL EDUCATION 426, *Swimming, Methods and Materials*

Two hours

Theory, practice, and methods in teaching swimming and water safety. Prerequisites: Activity courses in swimming.

*Every quarter*PHYSICAL EDUCATION 427, *Tennis and Badminton, Methods and Materials*

Two hours

Fundamentals, strokes, strategy, and rules of tennis and badminton. Prerequisites: Activity courses in tennis and badminton.

Fall, spring, and summer quarters

PHYSICAL EDUCATION 431M, *Football, Methods and Materials*

Two hours

Coaching of fundamentals, team offensive and defensive systems, team organization, training methods, and scouting. Prerequisite: Football participation or football activity course.

*Fall quarter (Seniors only)**Spring quarter***PHYSICAL EDUCATION 434M, *Baseball and Softball, Methods and Materials***

Two hours

Fundamentals of playing all positions with training methods. Team strategy, rules, scoring, and officiating. Prerequisites: Activity courses in softball and baseball. *Fall and spring quarters*

PHYSICAL EDUCATION 435, *Intramural Sports*

Three hours

Organization, administration, and promotion of intramural programs for schools, recreation centers, industry, and community. Experience in conducting and officiating in intramural programs. Prerequisite: Junior standing. *Spring and summer quarters*

PHYSICAL EDUCATION 437M, 437W, *Basketball, Methods and Materials*

Two hours

Skills, conditioning, offensive and defensive team play. Rules, scoring, and officiating. Prerequisite: Basketball participation or basketball activity course. *Winter quarter (Senior Men only)*

*Spring quarter (Men)**Winter quarter (Women)***PHYSICAL EDUCATION 443, *Adapted Physical Education***

Three hours

A survey of abnormalities, preventive and corrective techniques, with activities designed to aid handicapped persons to participate in activities. Prerequisites: Physical Education 211, 212, 220, 314, or equivalents. *Winter, spring, and summer quarters*

PHYSICAL EDUCATION 444M, *Wrestling, Methods and Materials*

Two hours

Fundamentals, theory, coaching, rules, and officiating. Prerequisite: Wrestling participation or wrestling activity course. *Winter quarter*

*Winter quarter***PHYSICAL EDUCATION 445M, *Soccer, Methods and Materials***

Two hours

Theory and practice in teaching soccer skills and the coaching of a soccer team. Prerequisite: Soccer activity course. *Fall quarter*

Senior - Graduate Courses**PHYSICAL EDUCATION 400, *Workshop in the Living Folk Arts of the Appalachian Mountain People***

Three hours

Summer quarter

PHYSICAL EDUCATION 452, *Introduction to Research in Physical Education, Health, and Recreation* Three hours

Research techniques in the selection of problems, collection of data, analysis, and use of data in problem solving.

Fall, winter, and spring quarters

PHYSICAL EDUCATION 455, *Workshop for Teachers in Elementary School Physical Education* Three or Six hours

Contact the Extension Department for standards and criteria: special bulletin.

See Education 455

Extension

PHYSICAL EDUCATION 456, *Planning the Recreation Program*

Three hours

Lecture and discussions on basic philosophy, principles and practices, current trends, financing the program, methods and procedure, leadership training, organization and administration, facilities, and equipment. *Spring quarter and first summer term*

PHYSICAL EDUCATION 462, *Introduction and History of Physical Education*

Three hours

History of physical education to the present time, with orientation as to the place of and the professional opportunities of physical education in the American culture. *Fall and summer quarters*

HEALTH EDUCATION 472a, *Safety Education*

Three hours

Safety procedures for home, school, and community.

Winter and summer quarters

HEALTH EDUCATION 472b, *Driver Education*

Three hours

Driver education methods and materials leading to certification for driver education.

Spring and summer quarters

PHYSICAL EDUCATION 483, *Advanced Football Coaching* Three hours

Open to experienced coaches. Study and diagnosis of football coaching problems and methods.

Summer quarter

PHYSICAL EDUCATION 484, *Advanced Basketball Coaching*

Three hours

Open to experienced coaches. Study and diagnosis of basketball coaching problems and methods.

Summer quarter

PHYSICAL EDUCATION 488, *Prevention and Care of Athletic Injuries*

Three hours

Prevention and care of injuries, use of supports, massage, therapeutic techniques, and conditioning exercises. Two hours lecture and two hours laboratory experience. Prerequisites: Physical Education 123, 211, 212, 220 314, or equivalent.

Fall, spring, and summer quarters

Graduate Courses

PHYSICAL EDUCATION 501, *Problems in Physical Education*

Three hours

Analysis of methods of problem solving and the application to concrete problems.

Fall and summer quarters

PHYSICAL EDUCATION 502, *Scientific Bases of Physical Education*

Three hours

Past and present findings and theories in the various specialties and disciplines, and how they apply to physical education.

Fall and summer quarters

PHYSICAL EDUCATION 503, *Curriculum Construction in Physical Education*

Three hours

Study and evaluation of systems of program planning and curriculum construction, by use of statistical data, survey methods, and constituency analysis.

Winter and summer quarters

PHYSICAL EDUCATION 504, *Mechanical Analysis of Motor Skills in Physical Education*

Three hours

Elementary principles of physics, anatomy, and physiology as they apply to mechanical analysis of skills in movement.

Fall and summer quarters

PHYSICAL EDUCATION 505, *Philosophy of Health, Physical Education, and Recreation*

Three hours

A summary of the philosophies of outstanding leaders in health, physical education, and recreation, past and present.

Spring and summer quarters

PHYSICAL EDUCATION 507a, *Advanced Statistics and Measurements in Health and Physical Education*

Three hours

Statistical procedures involved in the analysis and interpretation of data, records, and scores derived from testing programs in health and physical education. Prerequisite: Physical Education 408.

Fall quarter

PHYSICAL EDUCATION 507b, *Advanced Tests and Analysis in Health and Physical Education*

Three hours

Study and analysis of past and present testing programs and the application and administration of the programs. Factors which influence accuracy, validity, reliability, and other related factors are dealt with along with the evaluation and use of tests. Prerequisites: Physical Education 408, 507a.

Winter quarter

PHYSICAL EDUCATION 514, *Basic Principles of Elementary School Physical Education* Three hours

Foundations, principles, and basic philosophy of health and physical education for the elementary school pupil. Recommended prerequisite: Teaching experience in the elementary school.

Winter and summer quarters

PHYSICAL EDUCATION 515, *Supervision in Health and Physical Education* Three hours

Recent trends in the theory and practice of supervision: training and qualifications of the supervisor on each level of school organization.

Winter quarter

PHYSICAL EDUCATION 516, *Administration of Athletics* Three hours

Study and discussion of the organization, administration, and operation of the athletic program: schedules, contracts, equipment, insurance, travel, medical factors, officiating, and evaluation.

Spring and summer quarters

PHYSICAL EDUCATION 517, *Elementary School Physical Education Program* Three hours

Organization, administration, and evaluation of a suitable program of activities for the various levels of elementary school age: facilities, time limits, personnel, resources, and budget.

Spring and summer quarters

PHYSICAL EDUCATION 581, *Seminar in Health and Physical Education* Three hours

Lecture, discussion, research, review, and summary of the fields of health and physical education and application of findings to specific areas of teaching experience. A course for teachers with experience capable of intensive graduate study.

Spring and summer quarters

Department of Industrial Arts

INDUSTRIAL ARTS 101, *Beginning Mechanical Drawing* Three hours

An introductory course presenting basic principles and essentials to serve as a background for further courses in mechanical drawing. This course includes: care and use of drawing instruments, supplies, lettering, sketching, orthographic projection, and sections. (Accepted as mathematics elective.)

Fall quarter

INDUSTRIAL ARTS 102, *Intermediate Mechanical Drawing* Three hours

A continuation of Mechanical Drawing. This course includes: auxiliary views, revolutions, developments, intersections, pictorial drawings (isometric, oblique, cabinet, perspective), graphs and charts. (Accepted as mathematics elective.) Prerequisite: Industrial Arts 101.

Winter quarter

INDUSTRIAL ARTS 103, *Advanced Mechanical Drawing* Three hours

A specialized course including: fasteners (conventional threads, thread symbols, bolts and nuts), working drawings (detail, assembly, exploded), cams and gear, spur gear, electrical drawing, and piping. (Accepted as mathematics elective.) Prerequisite: Industrial Arts 102. *Spring quarter*

INDUSTRIAL ARTS 201, *Elementary Cabinet Construction*

Three hours

Basic woodworking course including instruction in the use of common hand tools, related information, elementary wood turning, finishing, characteristics of common cabinet woods, and processing of lumber for industrial use. *Fall quarter*

INDUSTRIAL ARTS 202, *Intermediate Cabinet Construction*

Three hours

Advanced hand woodworking experiences, operation of common woodworking machines, care and sharpening of tools, related information, construction and finishing of furniture projects. *Winter quarter*

INDUSTRIAL ARTS 203, *Advanced Cabinet Construction* Three hours

Advanced woodworking experiences involving skill in the use of machines and hand tools; additional practice in woodworking, reeding, fluting, carving, veneering, dovetailing, study of industrial furniture processes. *Spring quarter*

INDUSTRIAL ARTS 204, *General Shop*

Three hours

An introductory laboratory course in which the student acquaints himself with a variety of materials, machines, tools, and processes. (Formerly Industrial Arts 201.) *Fall quarter*

INDUSTRIAL ARTS 205, *Orientation in Industrial Arts Education*

Three hours

A basic course designed to give the student a knowledge and understanding of the field of Industrial Arts Education. (Formerly Industrial Arts 202.) *Winter quarter*

INDUSTRIAL ARTS 206, *Industrial Arts Design*

Three hours

An introductory course organized to acquaint the student with the basic principles of design and their application to Industrial Arts Education. (Formerly Industrial Arts 203.) *Spring quarter*

INDUSTRIAL ARTS 207, *General Crafts*

Three hours

A course designed to introduce the student to the various media of craft work: leatherwork, plastics, metalwork, woodwork, jewelry. *Spring quarter*

INDUSTRIAL ARTS 209, *Advanced Machine Drawing*

Three hours

Advanced machine drawing experiences in detail drawing, assembly drawing, and production drawing. *Spring quarter*

INDUSTRIAL ARTS 301, *General Metalwork* Three hours

Basic hand and elementary machine operations and related information in bench metal work including experiences in wrought iron and non-ferrous metals. Problems and practical shop problems in each area of activity.

Fall quarter

INDUSTRIAL ARTS 302, *Machine Shop I* Three hours

Basic operations on lathes, shapers, saws, grinders, and milling machines.

Winter quarter

INDUSTRIAL ARTS 303, *Machine Shop II* Three hours

Specialized machine shop practices and advanced machine operations as gear cutting, shaping to contour, taper and thread work.

Spring quarter

INDUSTRIAL ARTS 304, *Auto Mechanics I—Automobile Engines*

Three hours

A practical course in auto mechanics involving both laboratory and classroom experiences with automobile engines. The study of theory, engine construction, types, involving experiences in disassembly and assembly of automobile engines.

Offered on sufficient demand

INDUSTRIAL ARTS 305, *Auto Mechanics II—Power Flow*

Three hours

Laboratory and classroom experiences with mechanical units of the power flow as: clutch, standard and automatic transmissions, universal joints, drive shafts, differentials, axles, and rear wheels.

Offered on sufficient demand

INDUSTRIAL ARTS 306, *Auto Mechanics III—Chassis Units and Electricity*

Three hours

Laboratory and classroom experiences with mechanical units of the chassis and automotive electricity as: brakes, shock absorbers, steering system, front end geometry, battery, ignition system, voltage regulator, generator, lights, and basic electrical theory.

Offered on sufficient demand

INDUSTRIAL ARTS 307, *General Shop Electricity* Three hours

Fundamentals of electricity as applicable to the General Shop with practical problems in areas of simple wiring circuits, household electricity, alternating current, direct current.

Offered on sufficient demand

INDUSTRIAL ARTS 308, *Advanced Industrial Arts Electricity*

Three hours

Study of alternating current motors and generators, elementary radio construction and theory of operation.

Offered on sufficient demand

INDUSTRIAL ARTS 310, *Woodturning* Three hours

Includes experiences with common woodturning problems; sharpening of tools; operations in spindle, faceplate and chuck turning; finishing and polishing. *Offered on sufficient demand*

INDUSTRIAL ARTS 311, *Woodfinishing* Three hours

History and purpose of finishing, preparing for finish, kinds of finishes, kinds of finish materials; application and comparison of different finishes on various woods—using set of panels.

Offered on sufficient demand

INDUSTRIAL ARTS 313, *Sheetmetal Work* Three hours

Basic sheetmetal course including care and use of common sheetmetal tools and machines; making of layouts, templates; projects involving soldering, seaming, punching, riveting, forming, and spot welding.

Offered on sufficient demand

INDUSTRIAL ARTS 314, *Art Metalwork* Three hours

Basic experiences in designing, cutting, forming, etching, and planishing such materials as copper, aluminum, pewter, and iron.

Offered on sufficient demand

INDUSTRIAL ARTS 316, *Architectural Drawing I* Three hours

Basic principles of house planning; floor plans, foundation plans, rafter plans, elevations, plot plans, detail sheets, specifications; architectural modeling; study of common styles of home architecture; a complete set of plans for a small dwelling.

Offered on sufficient demand

INDUSTRIAL ARTS 317, *Architectural Drawing II* Three hours

Preparation of a complete set of plans for a three-bedroom (or larger) home. Study of building techniques and materials used in house construction; structure modeling.

Offered on sufficient demand

INDUSTRIAL ARTS 319, *Industrial Arts for the Elementary School Teacher* Three hours

A practical course designed specifically for students majoring in elementary education and organized to provide experiences with a variety of materials, hand tools and machines.

Offered on sufficient demand

INDUSTRIAL ARTS 401, *Woodworking Equipment and Maintenance*

Three hours

Practical experiences in maintenance and repair of tools and machines; study of instruction, operation and maintenance manuals, selection and specification of equipment.

(Not offered 1959-60)

INDUSTRIAL ARTS 402, *Machine Shop Equipment and Maintenance* Three hours

Practical experiences in maintenance and repair of tools and machines; study of instruction, operation and maintenance manuals, selection and specifications of equipment.

(Not offered 1959-60)

INDUSTRIAL ARTS 403, *Teacher Problems in Industrial Arts Education* Three hours

This course is planned to consider problems which arise in the experience of the teacher of Industrial Arts. Analytical and research study of such problems is conducted.

(Not offered 1959-60)

INDUSTRIAL ARTS 404, *Arc and Oxy-Acetylene Welding* Three hours

Manipulative processes and experiences and related information basic to successful welding techniques. Includes experiences in electric arc welding, oxy-acetylene welding, low temperature welding, brazing and cutting.

(Not offered 1959-60)

INDUSTRIAL ARTS 405, *House Planning and Design* Three hours

A study of architectural styles, house plans, building materials, heating, lighting, plumbing, household conveniences, cost estimating.

(Not offered 1959-60)

INDUSTRIAL ARTS 407, *Plastics* Three hours

A basic laboratory course organized to include the history, terminology, classification, and acquaintance with different kinds of plastic materials. Laboratory experiences include forming, shaping, internal carving, laminating, casting, and extrusion moulding.

(Not offered 1959-60)

Department of Languages

ENGLISH

Students who desire to do so may qualify for graduation in English alone by electing eighteen additional hours in English and related fields above the requirements for certification. The Department will accept nine hours from the following courses: Art 308, Music 408, Library Science 415b, Bible 301, and Speech 430.

ENGLISH 101, 102, 103, *Grammar and Composition*

Three hours each

Fundamentals of written and oral composition. Required of all freshmen. Prerequisite to any other course in English.

Fall, winter, and spring quarters

ENGLISH 204, 205, 206, *English Literature* Three hours each

A survey of English literature from its beginning to the twentieth century. Required of all sophomores. Prerequisites: English 101, 102, 103. *Fall, winter, and spring quarters*

ENGLISH 210, *Backgrounds of English Literature* Three hours

Masterpieces of classical European literature and their influence on English and American writers. *Fall quarter*

ENGLISH 221, *Elements of Journalism* Three hours

Writing news stories, editorials, features, and reviews; make-up of school and college newspapers.

Every quarter on sufficient demand

ENGLISH 251, *Advanced Composition* Three hours

Every quarter

ENGLISH 307, 308, 309, *American Literature* Three hours each

A survey of American literature from its beginnings to the present. Prerequisite: Junior standing. *Fall, winter, and spring quarters*

ENGLISH 311a, *Contemporary Literature* Three hours

American Literature from 1900 to the present.

Fall and winter quarters

ENGLISH 311b, *Contemporary Literature* Three hours

English Literature from 1900 to the present.

Spring quarter

ENGLISH 325, *The Short Story* Three hours

Development of the short story in America and tendencies in the contemporary short story of America and England.

Spring quarter

ENGLISH 350, *Advanced English Grammar* Three hours

Every quarter

ENGLISH 450, *Advanced English Grammar* Three hours

(For English and Modern Language majors)

Every quarter

Senior-Graduate Courses

ENGLISH 400, *Workshop in the Living Folk Arts of the*

Appalachian Mountain People

Three hours

Summer quarter

ENGLISH 416, *Chaucer*

Three hours

Reading and interpretation of selections from *The Canterbury Tales*.

Fall quarter

- ENGLISH 417b, *Shakespeare's Comedies* Three hours
 An analytical study of four representative comedies; oral and written reports on additional comedies and collateral reading.
Fall and spring quarters
- ENGLISH 417c, *Shakespeare's Tragedies* Three hours
 Intensive study of *Macbeth*, *Hamlet*, *King Lear*, and *Othello*; oral and written reports on additional tragedies and collateral reading.
Winter and spring quarters
- ENGLISH 418, *Poetry of the Romantic Period* Three hours
 The poetry of Wordsworth, Coleridge, Shelley, Byron, and Keats, with some attention to the minor poets of the period.
Winter quarter
- ENGLISH 419, *Poetry of the Victorian Period* Three hours
 The poetry of Tennyson, Browning, Arnold, Rossetti, Swinburne, and others.
Spring quarter
- ENGLISH 431, *Milton* Three hours
 Rapid reading of Milton's poetry, with major emphasis on *Paradise Lost* and *Paradise Regained*. Collateral readings from the prose works.
Fall quarter
- ENGLISH 432, *English Literature, 1660-1744* Three hours
 English literature, exclusive of the drama, from the Restoration to the death of Pope.
Winter quarter
- ENGLISH 433, *English Literature, 1744-1798* Three hours
 English literature, exclusive of the drama, from the death of Pope to the beginning of the Romantic period. Supplementary reading from the major novelists.
Spring quarter
- ENGLISH 435, *Ballads and Folk Songs* Three hours
 Designed primarily for the evaluation and enjoyment of folk songs; recordings of native ballad-singers are used.
Summer quarter
- ENGLISH 437d, *Workshop for Teachers in Teaching Spelling and Composition* Three or Six hours
 See Education 437d.
Extension
- ENGLISH 452, *English Workshop* Three hours
Summer quarter

Graduate Courses

- ENGLISH 505, *History of the English Language* Three hours
 Origin and development of the language; the relation of English to other languages.
Fall quarter

- ENGLISH 524, *The American Novel* Three hours
The development of the American novel from Charles Brockden Brown to World War I, traced through a study of representative novels. (Not offered 1959-60.) *Fall quarter*
- ENGLISH 526, *Southern Literature* Three hours
The major Southern writers and their contribution to American literature. *Summer quarter*
- ENGLISH 527, *Modern Drama* Three hours
Continental, British, and American drama since the World War, with emphasis on their social and literary value. (Not offered 1959-60.) *Winter quarter*
- ENGLISH 541, *American Literature* Three hours
Studies in American Literature from its beginnings to 1830. *Fall quarter*
- ENGLISH 542, *American Literature* Three hours
Studies in American Literature, 1830-1870. *Winter quarter*
- ENGLISH 543, *American Literature* Three hours
Studies in American Literature, 1870-1914. *Spring quarter*
- ENGLISH 544, *American Literature* Three hours
Studies in American Literature, 1914 to the present. (Not offered 1959-60.) *Spring quarter*
- ENGLISH 561, *Literary Criticism* Three hours
The history of literary criticism from Aristotle to the end of the nineteenth century. *Winter quarter*
- ENGLISH 562, *The English Novel* Three hours
The history of the novel in England from its beginnings to 1832. *Winter quarter*
- ENGLISH 563, *The English Novel* Three hours
A study of the Victorian novel in its relation to the social, political, and economic background of the period. *Spring quarter*

FRENCH

- FRENCH 101, 102, 103, *Elementary French* Three hours each
(Open to students with no previous training in French.) *Fall, winter, and spring quarters*
- FRENCH 104, 105, 106, *Intermediate French* Three hours each
(Open to students who have had two years of French in high school or French 101, 102, 103.) *Fall, winter, and spring quarters*

FRENCH 207, 208, 209, *Conversational French* Three hours each
Fall, winter, and spring quarters

FRENCH 310, 311, 312, *Survey of French Literature* Three hours each
through 1800
Fall, winter, and spring quarters

FRENCH 413, 414, 415, *French Literature of the Nineteenth* Three hours each
and Twentieth Centuries
Fall, winter, and spring quarters

SPANISH

SPANISH 101, 102, 103, *Elementary Spanish* Three hours each
 (Open to students with no previous training in Spanish.)
Fall, winter, and spring quarters

SPANISH 104, 105, 106, *Intermediate Spanish* Three hours each
 (Open to students who have had two years of Spanish in high school or Spanish 101, 102, 103.) *Fall, winter, and spring quarters*

SPANISH 207, 208, 209, *Conversational Spanish* Three hours each
Fall, winter, and spring quarters

SPANISH 310, 311, 312, *Survey of Spanish Literature* Three hours each
Fall, winter, and spring quarters

SPANISH 413, 414, 415, *Survey of Spanish-American Literature* Three hours each
Fall, winter, and spring quarters

SPEECH

SPEECH 215, *Fundamentals of Speech* Three hours
 Enunciation, including an introduction to the study of phonetics; oral interpretation; oral readings of different types of literature.
Every quarter

SPEECH 240, *Speech Education, Elementary School* Three hours
 Designed to help teachers in the elementary school to a better understanding of the development of speech in children.
Summer quarter

SPEECH 310, *Public Speaking* Three hours
 The principles of effective public speaking; preparation and presentation of different types of speeches.
Every quarter

SPEECH 328, *Speech Education, Secondary School* Three hours

Designed for secondary school teachers. Includes an analysis of the speech needs of high school students, the methods of meeting these needs in the classroom and in extra-class activities, the building of a course of study, classroom projects, and textbook analysis.

Summer quarter

SPEECH 430, *Play Production* Three hours

Methods of solving play production problems in the public schools; acting; stage and costume designing; choosing the play, casting, directing, and mounting; special laboratory work and active participation in the college dramatic organization.

Offered on sufficient demand.

Department of Library Science

A student may qualify for Library Science certification in North Carolina by electing twenty-seven quarter hours in Library Science (these courses being specified by the state) in addition to a major in a subject field. This is recommended for those preparing for library work in the elementary school or for a teacher-librarian position in the high school.

The student may elect to major in the single field of Library Science by taking the full curriculum of 45 quarter hours. He should either concentrate in another subject area or select electives from at least four of the following fields recommended by the Library Science department: Art 201, 308; Bible 301; Biology 207 (for Primary and Grammar Grade majors); Education 494, 497; English 210, 325; Geography 308, 309, 310; History 315; Home Economics 311, 333; Music 408; Sociology 301, 403; Speech 310. Business Education 101, 102, 103 is required for those who are not proficient with the typewriter.

A student may still elect to take 45 quarter hours in Library Science and an additional subject field if he so desires, but should not expect to graduate in twelve quarters.

LIBRARY SCIENCE 200a, b, c, *Introduction to*

Library Science

One hour each

Supervised experiences in the campus school libraries. Enrollment limited.

Fall, winter, and spring quarters

LIBRARY SCIENCE 301, *Functions and*

Use of the Library

Three hours

Objectives and functions of the library in relation to the total school program.

Fall quarter

LIBRARY SCIENCE 302, *Reference Evaluation and Use of*

General Reference Books

Three hours

Winter quarter

- LIBRARY SCIENCE 311, *Children's Literature* Three hours
 Developing a background in the history of children's literature, evaluating modern writers and illustrators of children's books and studying the various phases of literature which should be presented to elementary children. *Every quarter*
- LIBRARY SCIENCE 312, *Reference* Three hours
 Reference materials in specific subject fields. *Spring quarter*
- LIBRARY SCIENCE 315, *Books and Materials for School Libraries* Three hours
 Basic factors and problems in the selection of books and materials. *Fall and winter quarters*
- LIBRARY SCIENCE 316, *Books and Materials for High School Libraries* Three hours
 Books and materials in relation to adolescent needs and interests and the high school curriculum. *Winter quarter*
- LIBRARY SCIENCE 317, *Books and Materials for Elementary School Libraries* Three hours
Spring quarter
- LIBRARY SCIENCE 407, *Organization and Administration of the School Library* Three hours
Fall quarter
- LIBRARY SCIENCE 408, *Organization and Administration of the School Library* Three hours
Winter quarter
- LIBRARY SCIENCE 409, *Cataloging and Classification* Three hours
 Study of the principles of cataloging and classification. *Fall quarter*
- LIBRARY SCIENCE 410, *Cataloging and Classification* Three hours
 Cataloging of audio-visual material. Preparation of a practice file and manual. *Winter quarter*

Senior-Graduate Courses

- LIBRARY SCIENCE 413, *Materials and Equipment* Three hours
 Acquisition, preparation, housing and circulation of non-book library materials. *Winter quarter*
- LIBRARY SCIENCE 414a, *Advanced Book Selection* Three hours
 Books for adults in the areas of Fiction, Drama, Poetry, Essays, Literary Classics, and Literary Criticism. *Fall quarter*

- LIBRARY SCIENCE 414b, *Advanced Book Selection* Three hours
 Reading and evaluation of books for adults in the area of biography, travel, history, the social sciences, science, religion, philosophy, and the fine arts. *Winter quarter*
- LIBRARY SCIENCE 415a, *Literature for Children* Three hours
 Background of literature for children; developments and current trends; illustrators; enlargement on study of literature of various types. (Open to non-majors.) *Fall quarter*
- LIBRARY SCIENCE 415b, *Literature for Young People* Three hours
 (Open to non-majors.) *Spring quarter*
- LIBRARY SCIENCE 416, *Devices for Interpreting Books to Readers* Three hours
 Story-telling, annotations, book reviewing, the book talk, radio, story recordings. (Open to non-majors.) *Fall and summer quarters*
- LIBRARY SCIENCE 476, *Workshop for Teachers in the Use of the Library* Three or Six hours
 See Education 476 *Extension*
- LIBRARY SCIENCE 480, *School Library Workshop* Three hours
Summer quarter

Graduate Courses

- LIBRARY SCIENCE 501, *Use of Materials with Pupils and Teachers* Three hours
 Materials and methods for more effective use of library resources in various curriculum areas in the school. (Open only to Library Science majors.) *Summer quarter*
- LIBRARY SCIENCE 502, *School Library Problems* Three hours
Summer quarter
- LIBRARY SCIENCE 503, *Administration and Supervision of School Library Systems* Three hours
Summer quarter
- LIBRARY SCIENCE 504, *Reading Interests and Guidance* Three hours
 Implications of research in reading interests of children and young people. Methods and materials for guidance in their use. (Open to non-majors.) *Summer quarter*
- LIBRARY SCIENCE 505, *Advanced Reference* Three hours
Summer quarter
- LIBRARY SCIENCE 506, *Problems in Cataloging and Classification* Three hours
Offered on demand

LIBRARY SCIENCE 507, *Reading for Adults* Three hours
 Characteristics and patterns of adult reading according to in-
 terests, needs, and abilities of various groups. *Summer quarter*

LIBRARY SCIENCE 508, *History of Books and Libraries* Three hours
Summer quarter

LIBRARY SCIENCE 509, *The Library and the Community* Three hours
Summer quarter

LIBRARY SCIENCE 517, *Teaching the Use of Books and Libraries* Three hours
Summer quarter

Department of Mathematics and Physics

MATHEMATICS

Students desiring to major in this department should have had at least one and one-half units of algebra and one unit of geometry in high school.

In case a student is deficient in the above requirements he should take Mathematics 101, 102, and 103.

A major in mathematics must have credit for the following courses: Mathematics 104, 105, 106, 207, 208, 209, 225, 310, 311, 312, and in addition must have 15 hours of mathematics electives.

MATHEMATICS 101, *Basic Arithmetic* Three hours
 The principles of arithmetic with applications.
Fall and summer quarters

MATHEMATICS 102, *Basic Algebra* Three hours
 The principles of elementary algebra with applications.
Winter and summer quarters

MATHEMATICS 103, *Basic Geometry* Three hours
 The principles of elementary Euclidean geometry with applica-
 tions. *Spring and summer quarters*

MATHEMATICS 104, *College Algebra* Three hours
 A first course in elementary college algebra with applications.
Fall and summer quarters

MATHEMATICS 105, *College Algebra* Three hours
 A continuation of Mathematics 104. Prerequisite: Mathe-
 matics 104. *Winter and summer quarters*

MATHEMATICS 106, *Plane Trigonometry* Three hours
 A first course in plane trigonometry with applications.
Spring and summer quarters

- MATHEMATICS 207, *Plane Analytic Geometry* Three hours
 A first course in plane analytic geometry with applications.
 Prerequisites: Mathematics 105, 106. *Winter and summer quarters*
- MATHEMATICS 208, *Plane Analytic Geometry* Three hours
 A continuation of Mathematics 207. Prerequisite: Mathematics 207.
Spring and summer quarters
- MATHEMATICS 209, *Advanced Trigonometry* Three hours
 A continuation of Mathematics 106. Prerequisite: Mathematics 106.
Fall quarter
- MATHEMATICS 220, *Descriptive Geometry* Three hours
 A first course in descriptive geometry with applications.
Spring quarter
- MATHEMATICS 221, *Beginning Surveying* Three hours
 A first course in beginning surveying with applications.
Fall and spring quarters
- MATHEMATICS 225, *The Slide Rule* One hour
 The practical use of the polyphase slide rule. *Winter quarter*
- MATHEMATICS 310, *Calculus* Four hours
 A first course in calculus with applications. Prerequisites: Mathematics 208, 209.
Fall and summer quarters
- MATHEMATICS 311, *Calculus* Four hours
 A continuation of Mathematics 310. Prerequisite: Mathematics 310.
Winter and summer quarters
- MATHEMATICS 312, *Calculus* Four hours
 A continuation of Mathematics 311. Prerequisite: Mathematics 311.
Fall and spring quarters
- MATHEMATICS 316, *Arithmetic for Teachers* Three hours
 The mathematical skills needed by teachers of arithmetic.
Fall and winter quarters

Senior-Graduate Courses

- MATHEMATICS 414, *Theory of Equations* Three hours
 A first course in theory of equations with applications. Prerequisite: Mathematics 312.
Fall and summer quarters
- MATHEMATICS 415, *College Geometry* Three hours
 A first course in college geometry with applications.
Spring and summer quarters

MATHEMATICS 417, *Differential Equations* Three hours
A first course in differential equations with applications. Pre-
requisite: Mathematics 312. *Winter and summer quarters*

MATHEMATICS 423, *History of Mathematics* Three hours
The men who made mathematics and their contributions.
Fall and summer quarters

MATHEMATICS 424, *Mathematics of Finance* Three hours
A first course in mathematics of finance with applications.
Winter quarter

MATHEMATICS 425, *Elementary Mathematical Statistics* Three hours
A first course in mathematical statistics with applications.
Spring and summer quarters

MATHEMATICS 427, *Astronomy* Three hours
A first course in the mathematical principles of astronomy with
applications. *Fall quarter*

MATHEMATICS 472a, *Workshop for Teachers in Elementary*
School Arithmetic Three or Six hours
See Education 472a *Extension*

MATHEMATICS 472b, *Workshop for Teachers in Secondary School*
Mathematics Three to Six hours
See Education 472b *Extension and summer quarter*

Graduate Courses

MATHEMATICS 501, *Higher Algebra* Three hours
A first course in modern algebraic theories with applications.
Fall and summer quarters

MATHEMATICS 502, *Higher Algebra* Three hours
A continuation of Mathematics 501. Prerequisite: Mathematics
501. *Winter and summer quarters*

MATHEMATICS 503, *Foundations of Arithmetic* Three hours
For elementary teachers desiring a broader insight into the
fundamental concepts of arithmetic. *Summer quarter*

MATHEMATICS 504, *Advanced Calculus* Three hours
A first course in advanced calculus with applications. Prerequi-
site: Mathematics 312. *Fall and summer quarters*

MATHEMATICS 505, *Advanced Calculus* Three hours
A continuation of Mathematics 504. Prerequisite: Mathe-
matics 504. *Winter and summer quarters*

MATHEMATICS 507, *Advanced Differential Equations* Three hours
 A second course in differential equations with applications. Pre-
 requisite: Mathematics 417. *Spring and summer quarters*

MATHEMATICS 508, *Solid Analytic Geometry* Three hours
 An advanced course in solid analytic geometry with applica-
 tions. *Winter and summer quarters*

MATHEMATICS 509, *Theory of Numbers* Three hours
 A first course in advanced number theory with applications.
Spring and summer quarters

MATHEMATICS 510, *Seminar* Three hours
 An analytical study of mathematical topics and problems origi-
 nating with either the teacher or the students.
Spring and summer quarters

MATHEMATICS 511, *Foundations of Algebra* Three hours
 An introduction to the study of abstract algebra.
Fall and summer quarters

MATHEMATICS 512, *Foundations of Geometry* Three hours
 An introduction to modern geometry theory.
Winter and summer quarters

PHYSICS

PHYSICS 300, *Elementary Photography* Three hours
 A beginning course in the fundamentals of photography.
Offered on sufficient demand

PHYSICS 301, *Elements of Physics* Four hours
 A first course in college physics. Prerequisites: Mathematics 104,
 105, 106. *Fall quarter*

PHYSICS 302, *Heat and Sound* Four hours
 A continuation of Physics 301. Prerequisite: Physics 301.
Winter quarter

PHYSICS 303, *Electricity, Magnetism, and Light* Four hours
 A continuation of Physics 302. Prerequisite: Physics 302.
Spring quarter

PHYSICS 312, *Household Physics* Three hours
 A course in physics as applied to the modern home. Prerequi-
 site: One year of college mathematics. *Winter quarter*

PHYSICS 404, *Optics* Three hours
 An introduction to advanced physical and geometric optics. Of-
 fered on sufficient demand. *Fall quarter*

- PHYSICS 405, *Modern Physics*** Three hours
A first course in modern physics. Offered on sufficient demand.
Winter quarter
- PHYSICS 406, *Mechanics*** Three hours
A first course in mechanics. Offered on sufficient demand.
Spring quarter
- PHYSICS 407, *Heat and Thermodynamics*** Three hours
A first course in heat and thermodynamics. Offered on sufficient demand.
Winter quarter
- PHYSICS 408, *Electricity and Magnetism*** Three hours
A study of the fundamental properties of electric currents. Offered on sufficient demand.
Spring quarter
- PHYSICS 409, *Advanced Photography and Colorimetry*** Three hours
A study of the principles of densitometry and colorimetry. Offered on sufficient demand.
Winter quarter

Department of Music Education

The Department of Music Education is fully accredited by the National Association of Schools of Music.

The department of music attempts to provide the best possible training for the development of teachers of music in the public schools. Emphasis is placed upon preparing teachers capable of handling any musical situation which might arise in teaching of this type, including the promotion of interest in better music throughout the state, and the presentation of creditable musical performances, instrumental or vocal. The department also seeks to develop to the utmost in each individual student the entire range of his musical potentialities, arousing in each student the desire to become as skilled and proficient a performer as his ability will permit.

For those students who do not choose to follow music as a vocation, the department endeavors to enrich their college experiences through the presentation of a variety of public programs and lyceum concerts. These performances are open also to the community at large.

Music for Primary and Grammar Grade Teachers Only

- MUSIC 301, *Fundamentals of Music*** Two hours
A study of the fundamentals of music for the purpose of enabling the general classroom teacher in the primary and grammar grades to conduct the simpler singing activities of the class. The course is a prerequisite for Music 302 and 303.
Fall quarter

MUSIC 302, *Music for Children*

Two hours

Consideration of music as an enjoyable and renewing experience for all children. Presentation of curricular plans and usable materials which will provide for the continuous musical development and personal growth of an individual child from kindergarten through the sixth grade.

*Winter quarter***MUSIC 303, *Music for Children***

Two hours

Building desirable community-school relationships through music. Evaluation of appropriate materials and current procedures used in presenting and directing special and seasonal programs for both schools and civic occasions.

*Spring quarter***MUSIC 408, *Music Appreciation***

Three hours

A non-technical course designed for students with little or no musical background. Emphasis is placed upon listening to music and finding pleasure in it. Materials satisfactory for use in the public school are discussed and presentation techniques are demonstrated.

*Winter and spring quarters***Graduation Requirements for Students Certifying in Music**

1. Each music major will, during his senior year, demonstrate satisfactory proficiency in his major performing medium; piano, voice, violin, clarinet, or other band or orchestral instrument. This will be done in one of three ways:
 - a. An individual recital.
 - b. A group recital with not more than three participants.
 - c. A full comprehensive examination which includes:
 - (1) Examination on the major instrument
 - (2) Examination in theory
 - (3) Examination in all other class work in music which the student has covered during the four years.
2. Each music major will, during the senior year, undergo a comprehensive examination in music education. This will cover both the elementary and high school fields.
3. Each music major will appear in at least two recitals each year. Appearance as a soloist in church, before the Musical Education Club, in a studio recital, or a public performance, will satisfy this requirement.
4. Music majors are required to attend all concerts and recitals sponsored by the music department and assist in making each a success.

MUSIC 104, 105, 106, *Basic Theory* Four hours each

A basic course in music approached through the integrated avenues of analyzing, creating, reading, listening, writing and performing. A study of pitch, rhythm, major and minor scales, intervals, triads, seventh chords and non-harmonic tones is considered as well as the more abstract relationships of melody, rhythm and form to music. This includes textures other than the four-part chorale style. Must be taken consecutively.

Fall, winter, and spring quarters

MUSIC 125, 126, 127, *String Class* One hour each

A presentation of the fundamental principles involved in the playing of each string instrument, with emphasis placed upon securing good intonation and ensemble, as well as proper position and fingering.

Fall, winter, and spring quarters

MUSIC 207, 208, 209, *Intermediate Theory* Four hours each

A continuation of Basic Theory utilizing the same six integrated avenues of approach. In general a study of modulation and altered chords is made. A survey of the several musical styles from 1700 through 1900 is included with an emphasis upon the 18th century four-part chorale style for performance at the keyboard. The study of these elements of music in relation, with actual vocal, piano and ensemble texture is continued. Must be taken consecutively.

Fall, winter, and spring quarters

MUSIC 222, 223, 224, *Woodwind Class* One hour each

A presentation of the fundamental principles involved in playing each woodwind instrument, including tone production and fingering patterns.

Fall, winter, and spring quarters

MUSIC APPLIED, *Piano Ensemble* One hour each

A supervised study and performance of duo-piano literature.

Fall, winter, and spring quarters

MUSIC 319, 320, 321, *Music History and Appreciation*

Three hours each

A comprehensive study tracing the evolution of music as an art. Emphasis is placed upon the parallel development of the various arts in their relation to music against the cultural background of history, with suggestions for social and political understanding. Two hours lecture and two hours laboratory period.

Fall, winter, and spring quarters

MUSIC 323, 324, 325, *Brass and Percussion Class* One hour each

A presentation of the fundamental principles involved in playing each brass instrument, including tone production, fingering patterns, and positions; emphasis on the rudiments of drumming.

Fall, winter, and spring quarters

MUSIC 326, 327, 328, *Voice Class* One hour each

This course deals with singing from the teaching and performance standpoint. It is designed to enable music students, both vocalists and instrumentalists, to have a knowledge of the basic fundamentals necessary for good voice production so that they may be better prepared to have understanding and working knowledge in dealing with the vocal problems of individuals with whom they work, and also with standard materials and methods to use in Junior and Senior High School Choruses.

Winter, spring, and fall quarters

MUSIC 334, *Choral Conducting* Two hours

A laboratory course in problems of choral conducting. Supervised conducting experience is provided. *Spring or fall quarter*

MUSIC 335, *Orchestral Conducting* Two hours

This is similar to Music 334, but the work will be with band and orchestra. *Spring or fall quarter*

MUSIC 336, *Introduction to Instrumentation* Two hours

A study of the instruments of the band and orchestra in regard to range, tone quality, and appropriate use in instrumental ensembles, including practice in arranging for the various sections of the orchestra. *Spring quarter*

MUSIC 430, *Form and Analysis* Four hours

A study of various forms of composition including song forms, dance forms, rondo, canon and fugue and sonata form, with critical analysis of compositions for voice, chorus, piano, solo instruments and small ensembles. *Winter and spring quarters*

MUSIC 432, *Instrumentation* Two hours

Instruction in writing and arranging for full orchestra, utilizing the works of the Masters for models. Required for Instrumental Certification. Prerequisite: Music 336. *Fall or winter quarter*

MUSIC 434, *Band Arranging* Two hours

Arranging for all instruments of the modern symphonic band. An arrangement for full symphonic band will be the major project. Required for Instrumental Certification. *Winter or spring quarter*

MUSIC 436, *Counterpoint* Four hours

The study and written application of the principles of contrapuntal writing in two, three, and four voices in the five species of strict counterpoint, continued through three part canons and two part inventions. *Fall and winter quarters*

MUSIC 438, *Piano Literature* Four hours

The study of the literature for piano from the pre-Bach era to the present day through performance and recordings. *Winter and spring quarters*

Senior-Graduate Courses

- MUSIC 400, *Workshop in the Living Folk Arts of the Appalachian Mountain People*** Three hours
Summer quarter
- MUSIC 410, *Choral Materials and Literature*** Three hours
A study of choral literature for high school and community groups. The mixed chorus, girls glee club, boys glee club, the small vocal ensembles, and literature for church choirs. (Formerly Music 510.) *Winter and summer quarters*
- MUSIC 450, *Instrumental Materials and Literature.*** Three hours
An advanced instrumental methods course offering a comprehensive survey of the available literature, methods, and materials for use in the public schools. *Fall quarter*
- MUSIC 451, *Problems in Elementary School Music*** Three hours
This course covers the field of music teaching in the primary and grammar grades. Research and demonstrations of modern methods of teaching to elementary school children. *Summer quarter only*
- MUSIC 453, *Instrument Repair and Adjustment*** Three hours
The repair and care of string, wind, and percussion instruments. *Summer quarter*
- MUSIC 455, *Independent Work in Music*** Three hours
This course permits research in some phase of music to meet the needs and professional interest of the individual. *Summer quarter*
- MUSIC 456, *Strings*** Three hours
Instruction in the fundamental principles involved in playing and teaching strings. Designed for the graduate student who has had little or no training in strings but who wishes to prepare himself for beginning string work. *Summer quarter*
- MUSIC 457, *Woodwind*** Three hours
Instruction in the fundamental principles involved in playing and teaching of the woodwind instruments. *Summer quarter only*

Graduate Courses

- MUSIC 500, *Band Pageantry*** Three hours
A study of the fundamentals of marching, precision drilling, formations, and maneuvering. The planning of football shows and parades. *Fall and summer quarters*
- MUSIC 501, *Music of Baroque and Classical Periods*** Three hours
An intensive study of music from 1600 to the death of Beethoven. *Fall and summer quarter*

MUSIC 502, *Advanced Instrumentation and Band Arranging*

Three hours

A practical course in arranging music for the school band and orchestra. Projects growing out of actual problems involving substitution of instruments and arrangements of scores. Writing for full band and orchestra.

Summer quarter

MUSIC 503, *Music of the Romantic Period*

Three hours

An intensive study of the styles, forms, and composers of the nineteenth century.

Winter and summer quarters

MUSIC 504, *Advanced Conducting*

Three hours

Emphasis is placed upon the critical examination of scores and score reading. Baton techniques involved in securing the desired effects with regard to tempo, phrasing, nuance, balance, timbre, etc.

Winter and summer quarters

MUSIC 505, *Music of the Twentieth Century*

Three hours

An intensive study of the music literature from the time of Debussy to the present.

Spring and summer quarters

MUSIC 507, *Applied Music* (Three quarters may be taken) One hour

Private instruction is offered in piano, voice, string, and wind instruments. A total of three quarter hours may be taken toward the Master's Degree. Before being admitted to graduate standing in applied music, the student must demonstrate a graduate level of performance before a music faculty committee.

Summer quarter

MUSIC 509, *Independent Work in Composition*

Three hours

A directed individual study to meet the needs of the student in the field of composition.

Summer quarter

MUSIC 511, *Music in the Curriculum*

Three hours

Music and its place in the elementary school curriculum. The correlation of music with other subjects. For classroom teachers and music specialists. Music activities in the elementary school.

Summer quarter

MUSIC 513, *Instrumental Organization and Administration*

Three hours

The problems of scheduling, housing, purchasing equipment and financing the school instrumental program.

Summer quarter

MUSIC 515, *Music in Junior High School*

Three hours

Summer quarter

MUSIC 517, *Music Activities in the Elementary School*

Three hours

This course is designed for the classroom teacher and covers a five-point program for children; singing, playing, creating, listening, and rhythmic activities.

Summer quarter

MUSIC 519, *Music in Senior High School*

Three hours

Summer quarter

APPLIED MUSIC

Private study is offered in piano, voice, violin, and organ as well as band and orchestral instruments. In each of these fields the work will be adapted to the needs of the individual student. Courses in applied music are required of all music majors but may be elected by students not majoring in music.

Piano

This course is basic for all students majoring in music. It is designed to prepare the student for a teaching career and help him gain skill in public performance, stressing the development of sound musicianship. It is advisable that the student have several years of previous study before enrolling as a piano major. Satisfactory piano study should guarantee the following outcomes: the ability to sight read; play simple accompaniments in a musicianly manner; understand representative works from all schools of music, from the Pre-Bach era to the present day.

- I. Each student shall demonstrate satisfactory proficiency for the second year by means of an examination. Failure to accomplish this will necessitate repeating the examination until such proficiency is demonstrated.
- II. The minimum requirements of the proficiency examination are:
 - a. The ability to play the most widely used songs in any of the community song books.
 - b. The ability to play pieces and accompaniments from the teacher's manual of the graded series for the elementary school.
 - c. The ability to improvise chordal accompaniments.
 - d. The ability to read at least two scores of instrumental or vocal parts simultaneously at the keyboard.

Violin

The purpose of the violin work is to promote in each student the basic techniques of good intonation, clarity and refinement of fingering and bowing styles, and the development of tonal beauty. Emphasis is placed upon the importance of phrasing and interpretation. It is advisable that those students expecting to major in violin shall have had sufficient preparation to warrant a major in this instrument.

Voice

This work is designed to prepare the student for a career as a performer or as a teacher, or both. The student wishing to major in voice must be able to show definite indication of talent, such as a voice with possibilities for development, the ability to sing on pitch, and an intuitive musical aptitude. Study will include elements of vocal production, diction, diaphragmatic breathing, good posture, vocalizing and technical exercises; appropriate songs adapted to the student's needs and progress; vocal methods preparatory to private and group instruction in public school teaching.

Organ

Adequate piano facility satisfactory to the instructor is a prerequisite for any work in organ. The study includes pedal scales, hymn playing and appropriate selections from the works of Bach, Mendelssohn, Franck and Widor as well as contemporary European and American compositions.

Brass Instruments

This study emphasizes proper breath control, embouchure and position as well as good tone production and intonation for each instrument. Exercises and pieces suitable to the student's ability and progress are used.

Reed Instruments

This course emphasizes proper breath control, good intonation based on an understanding of pitch and pitch modification as well as technical facility with the instrument selected for study. Materials will be chosen on the basis of student's ability and progress.

String Instruments

Private lessons in viola, cello and string bass stressing the basic techniques of good intonation, correct fingering positions and bowing styles.

MUSICAL ORGANIZATIONS

College Band

The College Band forms an integral part of college life and is an all-college organization. Membership is open to all men and women. The band is a valuable laboratory for instruction in wind instruments, and students desiring to become teachers and performers will find participation in the band of great value.

The marching unit of the College Band functions in close co-operation with the Athletic Association during the football and basketball seasons.

The concert unit gives a number of local and out-of-town concerts during the season, including a tour of North Carolina and neighboring states.

The band has a collection of instruments which are available for the use of its members. Application for membership should be made during the registration periods.

The College Choir

The college choir is the oldest musical organization on the campus and is open, not only to music students, but to others who have musical talent and who are interested in singing.

It meets 3 hours weekly, rehearsals being held on Monday, Wednesday, and Friday at 3:00.

The choir appears in concerts throughout the year locally and in various cities in the state and adjoining states. It has appeared with the North Carolina Symphony Orchestra, the Federated Music Clubs, and each year over the Mutual Network with broadcasts of excerpts from Handel's Messiah.

Opportunity is given for both accompanied and unaccompanied singing, including the study and performance of many fine choral works and styles.

Girls' Glee Club

The girls' glee club is an auxiliary organization to the college choir. It meets twice per week, on Tuesday and Thursday at 4 o'clock. The glee club repertoire consists of choice arrangements for girls' voices in two and three parts, and is designed to do program work locally and in conjunction with the college choir on special occasions.

College Orchestra

The College Orchestra is open to any student of the college with ability and experience in playing any orchestral instrument. The orchestra rehearses twice each week as a full unit, with additional sectional rehearsals. Emphasis is placed on securing good ensemble, as well as the technical, dynamic, and interpretative demands of the compositions performed. The orchestra appears in concert several times during the year.

The Appalachian Chorale

The Double Octet is composed of sixteen selected voices, eight women and eight men. Individual tryouts are held at the beginning of each school year to fill any vacancies.

The group sings both sacred and secular material. In addition to singing as a double octet the personnel makes up a men's octet and a women's octet. In these both sacred and secular material especially arranged for the male voices and female voices is performed.

The group appears in concerts throughout the year for both school and civic affairs in many cities in North Carolina. The spring concert tour includes concerts in larger cities in neighboring states.

Organization Participation

Each person who graduates in music must show participation in these organizations for a minimum of twelve quarters.

Recitals and Concerts

Student recitals are held each quarter in which students can gain experience and poise in public performance. Seniors and other advanced students present individual or joint recitals as partial requirements for graduation. Frequent concerts are given by faculty members, the various musical organizations, and visiting artists.

Department of Psychology

PSYCHOLOGY 108, 208, 308, 408, *Assembly* One third hour
per quarter

Required of all students who are in residence on the campus,
with the exception of those doing student teaching.

Every quarter

PSYCHOLOGY 201, *General Psychology* Three hours

Fundamental problems and techniques of psychology. Prerequisite for all other courses in psychology. *Every quarter*

PSYCHOLOGY 302, 303, 304, *The Pupil* Nine hours

Professional laboratory experiences are provided as an integral part of these courses. The kind and number of these experiences assigned will be determined by the instructor within the framework approved by the administration. (These courses must be taken concurrently with Education 331, 332, 333.)

Fall Term: Physical and Mental Development of the Child:

Principles of development will be observed in children of different age levels in various social settings. Prerequisite: Psychology 201.

Winter term: The Learning Process:

Perceptual and motor learning, thinking and problem-solving behavior, guidance in learning school subjects, measuring the results of learning, and theoretical considerations. Prerequisite: Psychology 302.

Spring term: Motivation and Adjustment:

General personality trends, mental hazards of the school child, clinical experiences in analysis and treatment of various personality difficulties. Prerequisite: Psychology 303.

PSYCHOLOGY 305, *Child Psychology*

Three hours

Factors relating to the personality development of children; significant contributions and techniques now employed in child psychology.

Summer quarter only

PSYCHOLOGY 315, *Psychology of Exceptional Children*

Three hours

Psychology and treatment of children having various types of physical and mental handicaps. Preventive and remedial measures will be emphasized.

Spring quarter

PSYCHOLOGY 409, *Abnormal Psychology*

Three hours

The field of mental disorder, changing conceptions of abnormality, and the principles of effective mental hygiene and psychotherapy.

Spring quarter

PSYCHOLOGY 410, *Social Psychology*

Three hours

The social aspects and motivation, suggestion, attitudes, propaganda, crowd behavior, leadership, religious activity, social misconduct, and war.

Fall quarter

PSYCHOLOGY 413, *Psychology of Personality Development*

Three hours

Factors influencing personality development and maldevelopment. Problems of personality integration and improvement.

Winter quarter

Senior-Graduate Courses

PSYCHOLOGY 498, *Psychology of Personal Adjustment*

Three hours

Psychology applied to life, the more significant contributions of psychology to important problems of life.

Summer quarter

Graduate Courses

PSYCHOLOGY 500, *A Study of the Psychology of Late Adolescence*

Three hours

Summer quarter

Department of Social Studies

BIBLE

BIBLE 301, <i>Introduction to Study of the Bible</i>	Three hours <i>Winter quarter</i>
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HISTORY

Students planning to take social studies as one major in a double major program should study the subjects required as listed on page 52. Students planning a single major in social studies should note the requirements indicated on page 61. Graduate students should have at least a background approximating the requirements for the double major program.

HISTORY 104, <i>Ancient Civilization</i>	Three hours <i>Fall quarter</i>
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HISTORY 105, <i>Medieval and Early European Civilization</i>	Three hours <i>Winter quarter</i>
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HISTORY 106, <i>Modern European Civilization</i>	Three hours <i>Spring quarter</i>
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HISTORY 201, <i>American History, 1492-1815</i>	Three hours <i>Fall quarter</i>
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HISTORY 202, <i>American History, 1815-1880</i>	Three hours <i>Winter quarter</i>
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HISTORY 203, <i>American History, 1880-1955</i>	Three hours <i>Spring quarter</i>
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HISTORY 301, <i>History of England</i>	Three hours <i>Every quarter</i>
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HISTORY 308, <i>Economic History of the United States</i>	Three hours <i>On sufficient demand</i>
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HISTORY 315, <i>Current History</i> State, national, and international current events.	One hour <i>Every quarter</i>
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HISTORY 318, <i>North Carolina Social Studies</i> Consideration of the geography, history, economic and social problems.	Three hours <i>Every quarter</i>
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Senior-Graduate Courses

SOCIAL STUDIES 400, <i>Workshop in the Living Folk Art of the Appalachian Mountain People</i>	Three hours Summer quarter
HISTORY 409, <i>Recent United States History</i> The United States since 1914.	Three hours Every quarter
HISTORY 413, <i>North Carolina History, 1663-1835</i>	Three hours Fall quarter
HISTORY 414, <i>North Carolina History, 1835-1955</i>	Three hours Winter quarter
HISTORY 420, <i>Nineteenth Century Europe</i> European civilization from 1815 to 1914.	Three hours Fall quarter
HISTORY 421, <i>Recent Europe</i> Europe since 1914.	Three hours Winter and spring quarters
HISTORY 423, <i>Colonial America</i>	Three hours Spring quarter
HISTORY 424, <i>History of Russia</i>	Three hours Spring quarter
SOCIAL STUDIES 477, <i>Workshop for Teachers in Social Studies Education</i> See Education 477	Three or Six hours Extension

Graduate Courses

SOCIAL STUDIES 501, <i>Heritage of Western Civilization</i>	Three hours Summer quarter
SOCIAL STUDIES 502, <i>Determining Influences in American History</i>	Three hours Summer quarter
SOCIAL STUDIES 504, <i>Formation of the American Union</i> The chief emphasis will be on the period from the Revolutionary Era to about 1800.	Three hours Spring quarter
SOCIAL STUDIES 505, <i>Civil War and Reconstruction</i>	Three hours Spring quarter 1960 and alternate years thereafter
SOCIAL STUDIES 506, <i>Jacksonian Democracy</i>	Three hours Fall quarter

SOCIAL STUDIES 507, *Geography of North America* Three hours
On sufficient demand

SOCIAL STUDIES 516, *Geographic Aspects of World Affairs* Three hours

A geographic analysis of major world movements and events associating the physical environment with social, political, and racial factors.
On sufficient demand

SOCIAL STUDIES 527, *The Old South* Three hours
 The Southern states preceding the Civil War.

Winter quarter 1959-60 and alternate years thereafter

SOCIAL STUDIES 537, *The New South* Three hours
 The Southern states after the Civil War.

Winter quarter 1960-61 and alternate years thereafter

SOCIAL STUDIES 538, *The Westward Movement* Three hours
Spring quarter 1961 and alternate years thereafter

SOCIAL STUDIES 542, *History of American Foreign Policy* Three hours
Fall quarter

SOCIAL STUDIES 544, *International Relations* Three hours
On sufficient demand

ECONOMICS

ECONOMICS 201, *Introductory Economics* Three hours
 Prerequisite to all other economics courses. *Every quarter*

ECONOMICS 210, *Principles of Economics* Three hours
 An analysis of the major principles of modern economics.
 Prerequisite: Economics 201 *Winter and Spring quarters*

ECONOMICS 211, *Advanced Economic Problems* Three hours
 Prerequisite: Economics 201 *Spring quarter*

ECONOMICS 303, *Consumer Economics* Three hours
 Prerequisite: Economics 201 *Fall quarter*

ECONOMICS 304, *Public Finance and Taxation* Three hours
 Prerequisite: Economics 201 *Winter quarter*

ECONOMICS 305, *Labor Economics* Three hours
 Prerequisite: Economics 201 *Spring quarter*

ECONOMICS 312, *Introduction to Retailing* Three hours
 Prerequisite: Economics 201 *Fall and winter quarters*

ECONOMICS 402, *Personal Finance* Three hours
Prerequisite: Economics 201 *Winter quarter*

ECONOMICS 413, *Current Economics* Three hours
Prerequisite: Economics 201 *On sufficient demand*

GEOGRAPHY AND GEOLOGY

GEOGRAPHY 101, *Principles of Geography* Three hours
Fall quarter

GEOGRAPHY 102, *World Regions* Three hours
Every quarter

GEOGRAPHY 103, *Economic and Commercial* Three hours
Spring quarter

GEOGRAPHY 308, *Geography of Europe* Three hours
Fall quarter

GEOGRAPHY 309, *Geography of South America* Three hours
Winter quarter

GEOGRAPHY 310, *Geography of Asia* Three hours
Spring quarter

GEOGRAPHY 311, *Introductory Geology* Three hours
Fall and winter quarters

GEOGRAPHY 312, *Geology of North Carolina* Three hours
Prerequisite: Geography 311 *Winter and spring quarters*

GEOGRAPHY 405, *Conservation of Natural Resources* Three hours
On sufficient demand

Senior-Graduate Course

GEOGRAPHY 406, *Geographical Influences
in American History* Three hours
Winter quarter

GOVERNMENT

GOVERNMENT 201, *Government of the United States* Three hours
Every quarter

GOVERNMENT 302, *Recent Political Thought* Three hours
Spring quarter

GOVERNMENT 303, *American State Government* Three hours
Prerequisite: Government 201 *Winter quarter*

SOCIOLOGY

SOCIOLOGY 301, <i>Educational Sociology</i>	Three hours <i>Winter and spring quarters</i>
SOCIOLOGY 303, <i>General Sociology</i>	Three hours <i>Fall quarter</i>
SOCIOLOGY 305, <i>Propaganda</i>	Three hours <i>Fall quarter</i>
SOCIOLOGY 403, <i>The Family</i>	Three hours <i>Fall, winter, and spring quarters</i>
SOCIOLOGY 406, <i>Race Relations</i>	Three hours <i>Winter quarter</i>
SOCIOLOGY 424, <i>Social Origins</i>	Three hours <i>On sufficient demand</i>

Senior-Graduate Courses

SOCIOLOGY 495, <i>Social Pathology</i>	Three hours <i>Summer term 1959 and alternate summers thereafter</i>
SOCIOLOGY 496, <i>Social Problems of the Southern Regions</i>	Three hours <i>Summer term 1960 and alternate summers thereafter</i>

SUMMARY OF ENROLLMENT AND ATTENDANCE FOR THE 1958-1959 SCHOOL YEAR

Fall Term

Campus:		
Number carrying full load		2028
Number carrying less than full load	222	
Full time student equivalent, less than full load	112	
Extension:		
Total number of individuals	112	
Full time student equivalent	11	
Grand Total:		
Individuals enrolled		2362
Full time student equivalent		2151

Winter Term

Campus:		
Number carrying full load		1844
Number carrying less than full load	22	
Full time student equivalent, less than full load	15	
Extension:		
Total number of individuals	208	
Full time student equivalent	20	
Grand Total:		
Total number of individuals		2074
Full time student equivalent		1879

Spring Term

Campus:		
Number carrying full load		1743
Number carrying less than full load	259	
Full time student equivalent, less than full load	130	
Extension:		
Total number of individuals	165	
Full time student equivalent	16	
Grand Total:		
Individuals enrolled		2167
Full time student equivalent		1889
Total number of individuals enrolled during the school year		2875

Registration Schedules

1959-1960

FALL TERM

8:30 to 9:30.....	T through Z
9:30 to 10:30.....	O through S
10:30 to 11:30.....	L through N
1:00 to 2:00.....	Cl through Greene
2:00 to 3:00.....	A through Ch
3:00 to 4:00.....	Greer through K
4:00 to 5:00.....	Late arrivals and special problem cases

WINTER TERM

8:30 to 9:30.....	Greer through K
9:30 to 10:30.....	T through Z
10:30 to 11:30.....	O through S
1:00 to 2:00.....	L through N
2:00 to 3:00.....	Cl through Greene
3:00 to 4:00.....	A through Ch
4:00 to 5:00.....	Late arrivals and special problem cases

SPRING TERM

8:30 to 9:30.....	A through Ch
9:30 to 10:30.....	Greer through K
10:30 to 11:30.....	T through Z
1:00 to 2:00.....	O through S
2:00 to 3:00.....	L through N
3:00 to 4:00.....	Cl through Greene
4:00 to 5:00.....	Late arrivals and special problem cases

